Nucleic Acids Research

Volume 16, 1988

IRL PRESS
OXFORD · WASHINGTON DC

Author index and Subject index

Volume 16, 1988

NOTE: The 'r' prefix refers to the supplement *'Ribosomal, small RNA and enzyme recognition sequences, codon usage and cloned human DNA sequences'* which was distributed with issue 8 of *Nucleic Acids Research*

Author index

Aasland,R. 10392
AB,G. 9663,10109
Abad,J.P. 7827
Abe,M. 9497
Abel,K.J. 2111
Abel,S. 7179
Abell,C. 9871
Åberg,A. 4174
Aboul-ela,F. 3559
Abraham,R.J. 2639
Abrahams,J.P. 10099
Acampora,D. 5379
Adam,D. 7212
Adam,R.D. 4555
Adam,S. 5621
Adams,D.S. 9867
Adams,G.R. 2489
Adams,S.E. 4287
Adema,G.J. 7867,9513
Adham,I. 11826
Adhya,S. 11531
Adolph,S. 6241,6242,6243
Aebi,M. 471
Affara,N. 2885
Agoston,D.V. 11507
Ahern,K.G. 2613,6825
Aiba,H. 7315
Aiken,C. 7901
Akahori,Y. 9497
Akamatsu,M. 10299
Akamatsu,T. 8732
Akhrem,A.A. 10199
Akiyama,K. 7732
Akiyoshi,D. 1053
Akizuki,S. 10373
Albertson,D.G. 9067
Alcalay,M. 9527
Alefounder,P.R. 9871
Alevizaki,M. 10371
Alexandrov,N.N. 5169
Alfano,C. 9611
Ali,S. 8487,10379
Allan,J. 500
Allday,M.J. 4353
Allen,J.M. 11824
Allen,L.N. 5203
Allis,C.D. 179
Allmansberger,R. 7419
Ally,A. 5215,9860,11379
Ally,D. 11379
Almouzni,G. 8525
Aloni,Y. 895
Alonso,C. 1393
Alonso,J.C. 1618,4389,9127
Alonso,S. 10037
Altenbuchner,J. 8710
Altona,C. 2971,5013
Alvarez,E. 8177
Alves,A.M. 8722,8723
Amachi,T. 7716
Amano,N. 7716
Amici,A. 3105
Amils,R. 7827
Ammendola,R. 4728
Anagnou,N.P. 6057
Anderson,D.M. 10385
Anderson,J.N. 2346
Anderson,S. 10379
Andersson,T. 8391
Andone,S. 4915
Andreasen,P.A. 2805
Andreev,L.V. 10399
Andreeva,A.V. 5685,5686
Andrews,G.K. 537
Anello,M. 4511
Ang,D. 7545
Angelov,D. 4525
Ansorge,W. 2203,3487
Antal,M. 2734,5407
Antao,V.P. 719
Anthony,C. 7722
Antonarakis,S.E. 4739,9060
Antonov,A.S. 4155
Anzai,K. 360
Apold,J. 9097
Appelt,K. 3829
Aquadro,C.F. 4161
Arabshahi,L. 5107
Arai,K. 6493,6547
Arai,N. 6547
Araki,E. 1627
Arapinis,C. 7731
Arcangioli,B. 1619
Archibald,A.L. 10379
Arcone,R. 3195
Ardinger,H.H. 8202,8742
Ardinger,R.H. 8201,8202
Argos,P. 9909
Armstrong,R. 8744
Arn,E.A. 9867
Arnberg,A.C. 10109
Arnold,H.H. 2411,2787
Arnold,J. 7145
Aronson,B.D. 3586
Arveiler,B. 6252
Arwert,F. 4724
Arya,B. 1624
Ashburner,M. 7189
Ashizawa,T. 8744
Assmann,G. 2741
Assouline,Z. 2742
Atabekov,J.G. 10929
Atger,M. 5459
Atiee,S.H. 1027
Atkinson,B.L. 9567
Atkinson,T. 3101,6232,9858
Atreya,C.D. 7303
Attimonelli,M. 1681,1715
Atweh,G.F. 8709
Aubin,R.A. 8197
Augereau,P. 1903
Augustyniak,H. 6239
Aurias,A. 2739
Austin,S. 9933
Ausubel,F.M. 10765
Azer,K. 3391
Azuma,T. 9372

Baas,P.D. 7867,9513
Bach,F.H. 9353
Bäckman,A. 10669
Bading,H. 5241
Baez,M. 1635
Baffet,G. 10935
Bagdasarian,M. 10669
Bagdasarian,M.M. 10669
Bagenal,E.B.D. 3471
Bahnak,B.R. 1208,2742
Bailey,S. 1349
Bailleul,B. 359
Baillie,D.L. 5991
Bailly,V. 5031,9489
Bailone,A. 10669
Baird,P.N. 9047
Baker,D.A. 7177
Baker,D.J. 4465
Baker,E.G. 9064,9065, 9066,11389
Baker,R.T. 1198
Bakker,O. 10109
Baldacci,G. 1379,7833
Baldes,R. 6385
Baldwin,G.S. 8720,9045
Bale,A.E. 7755,7756
Balganesh,T.S. 6649
Ball,C.B. 8712
Ballantyne,C.M. 1650
Ballard,L. 372,379,779,781, 782,784,1227,1228,3115, 3117,3119,3120,3590,3593, 4191,4741,4744,4746,5216, 5219,5220,5223,5705,5706, 5707,5709,6254,6255,9882, 9886,9887,10401,10402, 10408,10943,10945
Ballas,S.K. 11223
Bally,M. 5291
Balmain,A. 359
Baltz,D. 2913
Baltz,T. 2913
Bancroft,I. 7405
Bandyopadhyay,R. 2349,2350
Bangham,J.A. 9348
Bank,A. 4927
Banner,C. 6237
Baralle,F.E. 3545
Barbarella,G. 7202
Barcak,G.J. 3997
Barcellini-Couget,S. 10388
Barciszewska,M.Z. 8175,9349
Barciszewski,J. 685,8175
Barclay,A.N. 9067
Bardella,F. 8695
Barker,D. 11821
Barker,W.C. 1869,5195
Barlati,S. 1651,9074,11388

Barna,T. 3327
Barque,J.-P. 2473
Barr,P.J. 5213
Barras,F. 9821
Barredo,J.L. 8177
Barthels,D. 4217
Bartlett,R.J. 7209,9063,9072
Barton,J.K. 7943
Barton,P.J.R. 10037
Bartuněk,P. 11521
Baserga,S.J. 8709
Bassi,M.T. 3751
Baszczynski,C.L. 4732
Bateman,C. 4465
Bates,L.J. 9071
Battersby,A.R. 9871
Battini,R. 353
Batuecas,B. 6515
Baty,D. 3739
Bauer,D.M. 5213
Bauer,S.R. 8200
Baumruker,T. 7241
Bautsch,W. 11461
Baxter,J.D. 3963,6253
Bayev,A.A. 6230,10353
Bazanowski,A. 11848
Bazanowsky,A. 1646
Bazzicalupo,P. 8213
Beach,L. 3815
Beachey,E.H. 4667
Beachy,R.N. 3127
Beardsley,G.P. 9165
Beasty,A.M. 1517
Beato,M. 10237
Beaudet,A.L. 1650,9352
Bech-Hansen,N.T. 4183
Beck,B.N. 9051
Beck,J. 1625
Beckenbach,A.T. 11825
Becker,D. 7185
Becker,F.F. 3327
Becker,J. 6113
Beckler,G.S. 135
Bedbrook,J. 7601,9267
Bègue,A. 11383
Behe,M.J. 1517
Behnke,W.D. 6397
Beier,H. 1951
Beijer,R.P. 8307
Béjar,S. 6327,9337
Bektesli,S.L. 5692
Beldjord,C. 1921,4927
Belfrage,P. 9879
Bell,G.I. 3599,8202,9371
Bellamy,A.R. 763
Bellemare,G. 4732
Bellofatto,V. 3455,7437
Bellon,B. 1837
Belyavsky,A.V. 519,11187
Ben-Hattar,J. 4160
Benabadji,M. 4927
Benarous,R. 1921
Benatti,L. 3103
Benecke,B.-J. 1319
Benfield,P.A. 8925
Bengtström,M. 11327
Benkel,B.F. 9880
Benne,R. 10369
Benner,S.A. 1693
Benning,M.E. 8185
Bennoun,M. 2099
Benseler,F. 5631
Bensmana,M. 3108
Benson,F.E. 1541
Bentley,D.R. 4172,6238
Benton,D. 1857
Berdahl,L.D. 2743,4740
Berg,D.T. 1635,9057
Berg,O.G. 5089
Berg,P. 6263,9017
Bergemann,A.D. 6015
Berghöfer,B. 8113
Bergman,L.W. 2625
Berkhout,B. 5209
Berkvens,Th.M. 3255
Berland,R. 11573
Berlin,Yu.A. 10199
Berman,H.M. 8999
Bernardi,G. 4269
Berrettini,W.H. 2359, 7754,9070
Berry,C. 4168
Berry,D. 2087
Bertero,M.T. 4299
Berthollet,T. 1921
Bertina,R.M. 11849
Bertoluzza,A. 7202
Besmer,P. 4740
Best-Belpomme,M. 6113
Betlach,M. 7269
Bettler,D.R. 6935
Bevan,M.W. 291
Beverley,S.M. 925
Bewley,G.C. 2728
Beynon,J. 5215,9860,11379
Bhatnagar,Y.M. 5202
Bhatt,B. 3951
Bhattacharyya,D. 6397
Biamonti,G. 3751
Bickmore,W. 51
Bicknell,E.J. 1667
Bieber,D. 7001
Bikker,H. 8198
Bilanchone,V.W. 1499
Billwitz,H. 1631
Bilofsky,H.S. 1861
Biltz,R.E. 10751
Binoux,M. 9059
Birnbaum,D. 8749
Birnboim,H.C. 1487
Birnie,G.D. 2523
Birren,B.W. 7563,10376
Bisaro,D.M. 7043
Bisat,F. 6067
Bishop,J.R.,III 11249
Biswas,E.E. 6411
Biswas,S.B. 6411
Biunno,I. 7753
Blackburn,E.H. 5569
Blackman,M. 11355
Blake,K.R. 10681
Blanché,H. 1652
Blanco,J. 11267
Blankenstein,T. 10939
Blanks,R. 10283
Blasi,F. 2805,10699
Blazar,B.R. 8741
Bleeker,M.J. 4724
Bleicher,F. 5689
Blin,N. 11839
Blöcker,H. 2344,7799
Blomberg,B.B. 2959
Blume,M. 8188
Blumenthal,R.M. 1563
Blumenthal,T. 7188
Board,P.G. 1198,8199
Boast,S. 10699
Bobrova,V.K. 4155
Böck,A. 7817
Bodley,J.W. 1349
Boer,P.H. 9880
Boeuf,H. 3771
Bogorad,L. 5192,5603
Bohn,H. 8711
Böhnlein,E. 8963
Bohr,V.A. 7397
Boiocchi,M. 11853
Boiteux,S. 5879
Boles,T.C. 6607
Bolhuis,P.A. 8198
Bolotin-Fukuhara,M. 9299
Bolton,G.W. 7200
Bolund,L.A. 352,10387
Bon,C. 9050
Boncinelli,E. 5379
Bond-Nutter,D. 7601
Bonekamp,F. 3013
Bonnefoy,S. 10928
Bonner,T.I. 1644
Bonner,W.M. 1113
Bonnerot,C. 7180
Bonneville,J.M. 8377
Boot,A.J.M. 7773
Bootsma,D. 5305
Borer,P.N. 2323,11125
Boretto,J. 6767
Born,W. 11355
Bornstein,P. 9721
Borst,P. 4841
Bos,J.L. 7773,10973
Bosch,L. 1931,10099,10183
Boshar,M.F. 1431
Bossier,P. 11845
Bostock,C.J. 4239,5193,8182
Both,G.W. 6244
Botteri,F.M. 10083

Bouché,J.-P. 6327,10388
Boucher,F. 9874
Bouchier,C. 9048,9049,9050
Boudi,F.B. 9371
Boudreau,E. 11125
Bougueleret,L. 1729
Boulain,J.-C. 9048,9049,9050
Boulay,R. 365
Bourekas,E.C. 3359
Bourguignon,J. 2744,11852
Bout,A. 5797,10369
Boutry,M. 6247
Bovenberg,R.A.L. 7867,9513
Bowcock,A.M. 2745
Bowler,L.D. 11319
Boxer,S.G. 1529
Boyd,A. 7333
Boyer,H.W. 7269
Boyer,J.-C. 6157
Boyer,S.K. 8184
Braaten,D.C. 865
Braddock,M. 4287
Bradley,D. 7931
Bradley,W.E.C. 1223
Bragg,T. 782,4185,4187,10406, 11390,11391,11392, 11393,11394,11395
Brahmachari,S.K. 4651
Brakel,C.L. 4077
Brakier-Gingras,L. 9631
Brand,L. 7043
Brandon,M.R. 9046
Bratek-Wiewiórowska,M.D. 685
Braun,M.J. 5153
Brawerman,G. 2349,2350
Bredenbeek,P.J. 10849
Brehm,J.K. 3101
Brennicke,A. 7728,7737
Brennwald,P.J. 10131
Brent,T.P. 6779
Breugnot,C. 11384
Briand,P. 2099
Briat,J.-F. 2461
Brickner,H.E. 8709
Bricteux-Grégoire,S. 5031
Bridges,C.D.B. 1645
Briggs,M.R. 8509
Brigle,K.E. 5214,5215
Brimacombe,R. 815,1233, 2369,4315
Briquet,M. 6247
Brizzard,B.L. 2723
Brockie,I.R. 5123
Brodeur,G.M. 1499
Brook,J.D. 5783,7751
Brooks,L. 11380
Broom,T. 11319
Broome-Smith,J.K. 1617
Brose,E.C. 9056
Broude,N.E. 5698
Brousseau,R. 5427
Brouwer,J. 7703,8147
Brow,M.A.D. 9869
Brown,A.L. 9979
Brown,E.L. 4637
Brown,J.R. 11825
Brown,J.T. 1216,1218
Brown,J.W. 135
Brown,N. 5107
Brown,P.H. 7741
Brown,R. 1273,7727
Brown,R.S. 8633
Brown,W.M. 777,5841
Brown,W.T. 1647
Brownlee,G.G. 2601,4181,7727
Browse,J. 1220
Broxterman,H.J.G. 4607
Bruce,C.B. 9346
Bruderer,T. 2207
Bruening,G. 4009
Bruenn,J.A. 6225
Bruni,C.B. 2737,9979
Bruni,R. 4875
Bruzik,J.P. 10493
Brysch,W. 2333
Bucan,M. 9185,11769
Bucci,C. 9979
Buchanan-Wollaston,V. 9860, 11379
Buchardt,O. 3877,5755
Bucheton,A. 9199
Buck,M. 11469
Buckingham,M.E. 1251,10037
Buckland,R. 11821
Buckley,S.D. 11663
Budding,T.N.W. 2987
Buetow,K.H. 2743
Bujarski,J.J. 10940
Bukharov,A.A. 8737
Bunch,T.A. 1043
Bunick,G.J. 6397
Buono,P. 4733
Burdett,V. 4667
Burgers,P.M.J. 6297
Burgess,R.R. 4511
Burk,C. 7216
Burkard,U. 11617
Burke,W.D. 10561
Burks,C. 1861
Burn,V.E. 3437
Burns,J. 3951
Buroker,N.E. 11825
Busseau,I. 9199
Busslinger,M. 4175
Bustin,M. 10386
Buti,M. 11834
Butour,J.-L. 4407
Buvoli,M. 3751
Buys,C.H.C.M. 9068
Buzan,J.M. 6427
Buzayan,J.M. 4009
Byrne,B.C. 4165
Byrne,C. 9342,10924
Cabré,O. 2736
Calame,K. 77,3239
Caligaris-Cappio,F. 4299
Callahan,R. 9597
Calleja,M. 6515
Callen,D.F. 9064,9065, 9066,11389
Callis,R. 4811
Calmels,T. 9337
Calzone,F.J. 9597
Cam,K. 6327
Cameron,G.N. 1865
Camilloni,G. 7071
Campbell,A.J.B. 6725
Canan,N.C. 9862
Canivet,M. 9557
Cann,H.M. 1652
Cannon,F. 5215,9860,11379
Cannon,M. 5215,9860,11379
Cannon,W. 11469
Cantor,C.R. 2165,7221,11769
Cantoral,J.M. 8177
Cantwell,R. 1622
Cao,T.M. 5203
Cao,X. 8835
Capony,J.-P. 3109
Cappellini,N. 4299
Capra,J.D. 5503
Capuano,V. 1626
Cardone,M.H. 8443
Cariello,N.F. 4157
Carle,G.F. 1499
Carlson,M. 374,378,783,1225, 1226,3590,3594,4188,4744, 4745,6254,6257,6258,9356, 9358,9359,9364,9367,9881, 9882,10403,10405,10941
Carmona,C.L. 2339
Caron,P.R. 7855,9641, 9651,10891,10903
Caron de Fromentel,C. 11384
Carr,F.J. 8722,8723
Carr,J.P. 9861
Carrillo,N. 5603
Carsana,A. 5491
Carter,C.A. 5661
Casacuberta,J.M. 11834
Caserta,M. 707?
Casey,J.L. 629
Caskey,C.T. 1593,11141
Cassiman,J.J. 3110
Castleman,H. 3977
Cato,A.C.B. 647
Cavailles,V. 1903
Cavalli-Sforza,L.L. 2745
Cavard,C. 2099
Cavener,D. 3375
Cawley,K.C. 2355
Cawthon,R.M. 2364,10948
Cazenave,C. 2225
Ceccarelli,A. 4738

Cech,T.R. 327
Cédérgren,R. 10936
Celerier,J. 10669
Cesareni,G. 5291
Chaboute,M.-E. 1295
Chaconas,G. 5211
Chakhmakhcheva,O.G. 5685, 5686
Chakraborty,P.R. 2733
Chalepakis,G. 10237
Chamberlain,J.S. 11141
Chamberlin,M.J. 7885
Chambers,A. 8245
Chambon,P. 6252
Chan,Y.-L. 2347,11368
Chang,C.-M. 8541
Chang,E.H. 1652
Chang,K.-P. 2341
Chang,W.-C. 9350
Chang,Y.C. 10477
Chao,S.-C. 9350
Chao,Y. 7061
Chapman,K.A. 4511
Chapman,V.M. 1642
Chappelear,J.E. 5673
Chardin,P. 1204,2717,7719
Charles,R. 7726
Chartrand,P. 768
Chasin,L.A. 11573
Chasse,J.-F. 2099
Chatterjee,B. 774,1201
Chaubet,N. 1295
Chaudhuri,G. 2341
Chaumont,F. 6247
Chelidze,M.G. 4989
Chen,E. 10383
Chen,E.L. 2731
Chen,F.-M. 2269
Chen,H. 4159
Chen,H.-C. 10372
Chen,J.-H. 5153,6803
Chen,J.-S. 439
Chen,J.C. 7209,9072
Chen,K.-X. 3061
Chen,L.-J. 8411
Chen,L.Z. 8199
Cheng,A.K. 8728
Cheng,L.Y.L. 2342
Cheng,S. 1203,8188
Cheng,Z. 2601
Cheong,C. 5155
Chernokhvostov,V.V. 3617
Chernov,B.K. 10929
Chi,H.-C. 7205,10382
Chia,W. 3039,7189
Chiariotti,L. 2737,9979
Chien,K.R. 4722
Chimini,G. 6767
Chin,K.S. 1645
Chinali,G. 8734
Chisholm,O. 2352
Chitpatima,S.T. 2349,2350
Choder,M. 895
Choffat,Y. 1202
Choi,Y.-L. 7732
Chollet,A. 305,5155
Choo,K.H. 1273,4731,7727
Chowdhury,K. 9995
Christiansen,J. 7457
Christie,S. 51
Chu,B.C.F. 3671
Chu,E.H.Y. 7397
Chu,M.-L. 11386
Chung,C.T. 3580
Chung,F.-Z. 2359
Ciaramella,M. 8213,8847,8869
Ciarrocchi,G. 3907,7369
Ciccodicola,A. 865
Ciliberto,G. 3195
Cimino,F. 4728
Clark,A.J. 10379
Clark,D.J. 1499
Clark,J.M. 9677
Clark,S.M. 7563,10376
Clarke,I.N. 4053
Clarkson,C. 5208
Claverie,J.-M. 1729
Cleary,P. 4667
Clegg,M.T. 4734
Clemens,M.J. 3497
Clément,B. 1295
Clements,J.B. 5323
Cleton-Jansen,A.M. 6228
Clyne,J. 4937
Coates,A.R.M. 9047
Cocks,B.G. 6015
Cocozza,S. 2737,7758
Coerwinkel-Driessen,M. 8743
Coffino,P. 2731
Cohen,A. 10037
Cohen,E.H. 11848
Cohen,J.A. 8745
Cohen,J.S. 3209
Colantuoni,V. 7758
Cole,J.R. 10529
Cole,R.A. 4891
Coleman,M.S. 2943
Coleman,R.T. 1221,1222, 2364,7208,9073,10948
Colgan,D.J. 10360
Colgan,J. 165
Coll,M. 8695
Collins,D.R. 8361
Collins,F.S. 1305,7743
Collins,J. 9587
Collins,R.A. 1125,2705
Colombi,M. 1651,9074,11388
Colombo,M.P. 9075
Colwell,R.R. 3111
Combriato,G. 6226
Comi,P. 4299
Compton,R.S. 487
Confalone,E. 5491
Connolly,B.A. 3705
Constant,J.F. 2691
Conti,A. 2737
Contreras,A. 4025
Cook,A.F. 4077
Cook,R.M. 2659
Cook,S.C. 9721
Cooke,H. 11817
Cooke,N.E. 7211
Cooper,R. 7437
Cooper,T.A. 8443
Cooperman,B.S. 10441
Corcoran,L.N. 6015
Corcos,D. 2354
Cordell,B. 6259,7217
Cordingley,M.G. 609
Cormier,J.F. 4583
Cornelisse,C.J. 7773
Cornelissen,A.W.C.A. 8753
Corneliusen,M. 10387
Corpet,F. 10881
Corral,M. 10935
Cortay,J.-C. 5689
Cosson,J. 4175
Côté,J.-C. 10384
Couderc,J.L. 455
Coulombel,L. 1208
Couper,C.L. 6427
Courtois,Y. 10913
Covert,S. 1219
Cowan,N.J. 11369
Cowe,E. 8207
Cowen,J. 1229,4191,4743
Cox,B.J. 6857
Cox,D.W. 8748
Cox,M. 1622
Cox,N.J. 3599,8204
Cox,P.M 11047
Cox,R. 1251
Cox,T.M. 10355
Cozzarelli,N.R. 6607
Cozzone,A.J. 5689
Craig,S.P.,III 7087
Crain,W.R.,Jr 1431
Crapo,J.D. 5207,7746
Crawford,D.H. 4353
Crea,R. 7269
Creasy,C.L. 2625
Criado,M. 10920
Croce,C.M. 2077
Crosby,W.L. 7182
Cross,G.A.M. 3455,7437
Cross,M. 4789
Cross,N.C.P. 5687,10355
Cross,S. 11817
Crouse,G.F. 7025
Crowther,P.J. 4465
Crozatier,M. 9199
Crum,C. 4569
Crute,J.J. 6585
Culbertson,M.R. 8712,8713
Cullen,D. 1219
Culver,M. 375,381,780,

4186,4747,5702,5708, 9884,9889
Cummings,H.S. 10803
Curran,B. 1333
Curran,M.E. 9867
Curtis,P. 10950
Curtiss,R.,III 10398
Curtsinger,J.M. 9353
Cuthbert,C.M. 4483
Cuticchia,A.J. 7145
Cutt,J.R. 9861
Cziepluch,C. 3175

D'Alessio,J.M. 265,1999
d'Auriol,L. 6113,7725
D'Esposito,M. 5379
D'Hoostelaere,L.A. 8200
D'Urso,M. 865
Dabrowiak,J.C. 1359,8724
Dahl,C.A. 9353
Dahl,H.-H.M. 3124
Dahlberg,J.E. 5827
Dai,P. 7061
Daielli,C. 9061
Daignan-Fornier,B. 9299
Daigneault,L. 10575
Dailey,S.H. 1214
Dale,J.B. 4667
Dalgleish,R. 1643,2337,11833
DaLio,A. 2537
Dalton,S. 8571
Dame,J.B. 4499
Dani,M. 3103
Daniel,V. 351
Daniels-McQueen,S. 7741
Danilevskaya,O.N. 1169
Danø,K. 2805
Darai,G. 7724
Dardel,F. 1767
Darnell,J.E.,Jr 1371
Darzynkiewicz,E. 8953
Dassa,E. 4097
Dastugue,B. 455
Date,T. 11075
Datta,S. 9044
Daubas,P. 1251
Dausset,J. 1652
David,C.S. 11844
Davidson,S. 1667
Davie,J.R. 5915
Davies,H. 2489
Davies,H.D. 6259,7217
Davies,K.E. 1305
Davies,M.W. 1333
Davis,L.R. 6373
Davis,M. 9067
Dawid,I.B. 8728
De,B.K. 4181
De Baere,R. 10919
de Boer,H.A. 10225
De Candia,G. 6233
De Carli,L. 9061
de Crombrugghe,B. 7201,7513
de Franchis,R. 10355
de Graaf,A. 1621
de Graaff,W. 2729
de Haan,M. 5797
de la Campa,A.G. 9113
de la Torre,F. 7731
de la Torre,J.C. 1393
de Lange,G. 2365
de Magistris,L. 3141
de Martinville,B. 10949
de Miguel,C. 1644
de Recondo,A.-M. 1379,7833
De Robertis,E.M. 1453,9058
de Stevenson,I.L. 2295
de Vijlder,J.J.M. 8198
de Vroom,E. 2987,4607, 5013,7633
De Wachter,R. 10919
Deák,F. 1211
Dean,C. 7601,9267
Dean,D.R. 5214,5215,9860
DeAngelis,C.L. 3123
Deeley,R.G. 97
Deen,K.C. 1423
Defer,N. 10935
Degroote,F. 8817
Deichmann,K. 3110
DeJesus,C.E. 7191
DeJong,J.L. 8541
Deka,N. 1143
Del Pozzo,G. 11372
Del Sal,G. 9878
del Solar,G.H. 115,9113
Delattre,O. 2739
Delgrosso,K. 11223
Della Porta,G. 7753,9062
DeMayo,F.J. 1027
Demmin,D.S. 10477
Dempsey,W.B. 4726
Deng,G. 6231
Deng,Z. 4341
Denis,H. 2473
Denis,N. 2354
Denman,R. 165
Dennis,E.S. 3815
Denny,P. 10371
Denslow,N.D. 2565
Deom,C.M. 3127
Derckacheva,N.I. 4158
Deschamps,J. 2729
Dessen,P. 5459
Detera-Wadleigh,S.D. 1644
Deutch,A.H. 7203
Deutscher,M.P. 6265
Devarayalu,S. 9721
Devine-Gage,E. 1647
Devinoy,E. 8180,11813,11814
Devoret,R. 10669
Devos,R. 1630
deVos,T. 3114
Di Jeso,B. 629
Di Martino,E. 7071
di Mauro,E. 7071
Di Nocera,P.P. 4041
Diamond,M.E. 6225
Diarra-Mehrpour,M. 2744, 11852
Dick,T.A. 3114
Dickinson,C.D. 371
Dickler,M.N. 8741
Dickson,K.R. 865
Dickson,R.C. 8011,8192
Didichenko,S.A. 1169
Diep,A. 4739
Dietrich,K.D. 8197
Díez,B. 8177
Digweed,M. 8803
DiLella,A.G. 4159
Dillard,P.J. 8730
Dimitrov,S.I. 4525
Dinehart,W.J. 4539
Ding,X. 7061
Dingermann,T. 6737
DiPaolo,J.A. 969
Dirheimer,G. 8175
DiRusso,C.C. 7995
Diver,W.P. 4465
Dixon,D.C. 9861
Dixon,R.A. 9933
Dobberstein,B. 3405,9431
Dobbs,M. 2360
Dobkin,C. 1647
Dobrinski,B. 3075
Dobrovic,A. 1223
Dobson,M.J. 7103
Doetsch,P.W. 6935
Döffinger,R. 11840
Doi,M. 6175
Dolcetti,R. 11853
Dolecki,G.J. 11543
Dolinnaya,N.G. 3721
Dolnick,B.J. 3341
Domdey,H. 7233,9457
Domenjoud,L. 7733
Domingo,E. 9864
Donghi,R. 9062
Doniger,J. 969
Donly,B.C. 997
Dooley,S. 11839
Dorai,T. 9876
Dorne,A.-M. 2461
Dorow,D.S. 9338
Dorsman,J.C. 7301
Dotrong,M.-H. 5137
Dougherty,J.P. 4637
Douglas,J. 9067
Douthart,R.J. 1657
Dower,W.J. 6127
Drabkin,H.J. 11591
Dracopoli,N.C. 2361
Draper,K.G. 4735
Dreher,T.W. 981
Drinkwater,C.C. 10918

Drocourt,D. 9337
Drolet,M. 11835
Drouet,L. 1208
Drummond,M. 4025
Drusiani,E. 353
Dry,P.J. 7730
Dryja,T. 9069
Dubnick,M. 1703
Dubois,N. 2099
Ducancel,F. 9048,9049,9050
Duceman,B. 10391
Duchêne,M. 7233
Duclos,B. 5689
Dudler,R. 3582
Dumanski,J.P. 9044
Duncan,C.H. 10375
Duncan,L. 4137
Dunn,J.J. 1209
Dunn,P.P.J. 348
Dunn,T. 10921
Dunning,A.M. 10393
Dunsmuir,P. 7601,9267
Durand,M. 5039
Durand,S. 9874
Durbin,M.L. 4734
Duschesnay,P. 9880
Dush,M.K. 8509
Dutreix,M. 10669
Dutta,C. 7744
Duval-Valentin,G. 2031,5277
Dvořák,M. 4179,11521
Dyer,T.A. 7931,8707
Dykes,D.D. 1215
Dzianott,A.M. 10940

Earle,E. 1273,7727
Ebel,J.-P. 2825
Ebina,Y. 1627
Echelard,Y. 11835
Echols,H. 6465
Eckdahl,T.T. 2346
Ecker,J.R. 11091
Eckstein,F. 791,803, 9947,11691
Edelman,A. 1617
Edelson,R.L. 7221
Eder,A. 772
Edge,M.D. 8722
Edgell,M.H. 739
Edman,J.C. 6235
Edoh,D. 10425
Edwards,R.M. 4287
Efimov,V.A. 5685,5686
Egholm,M. 3877
Ehling,M. 1295
Ehresmann,B. 2295,2825
Ehresmann,C. 2295,2825
Ehret,M. 2045
Ehrlich,K.C. 8029
Ehrlich,M. 8029
Ehrlich,R. 2031,5277
Eichinger,G. 10153
Eickbush,T.H. 10561
Eker,A.P.M. 4447
Ekiel,I. 8953
Elborough,K.M. 3603
Eldridge,J.R. 1224,5221
Elgar,G. 4178
Elgin,S.C.R. 7487
Elhai,J. 1563
Ellar,D.J. 10927
Elliott,R.W. 1642
Ellwood,S. 4811
Elmer,J.S. 7043,10511
Elmore,R.H. 9707
Else,A.J. 395
Elwood,H.J. 7198
Emanoil-Ravier,R. 7725,9557
Emi,M. 7214
Emori,M. 7178
Eng,L.F. 6259,7217
Engel,W. 7723,7733,11826
Engelke,D. 2537
Engels,J.W. 3525
England,S. 1305
Eperon,I.C. 395
Epplen,J.T. 5196,9344
Epstein,H.F. 8744
Erdmann,V.A. 2348,2719, 2720,3511,7740,8803,9042
Erickson,R.P. 8745
Eriksson,A.W. 4724
Erlanger,B.F. 3977
Erster,S.H. 5999
Espinosa,M. 115,9113
Estivill,X. 2740
Etessami,P. 4811
Evans,R.P. 371
Evans-Holm,M.E. 6235
Even,J. 7180
Everett,R.D. 11005
Evers,R. 8753
Evrard,J.-L. 8733
Evstafieva,A.G. 1624
Ezawa,C. 2363

Faber,S.W. 555
Faist,G. 3075
Fajardo-Cavazos,P. 6567
Fallis,L. 4732
Faraonio,R. 7758
Farber,R.A. 2360
Farrar,N.A. 10914
Farrell,F.X. 8057
Farzaneh,F. 11319
Fauron,C.M.-R. 10395
Favre,A. 1095
Favreau,M. 7601,9267
Fawcett,W. 2625
Fayat,G. 8095
Fee,B.E. 4726
Feiss,M. 2015
Feldmann,H. 3583,6226, 10623,10926
Feldstein,P.A. 4009
Feng,Y. 3375
Ferguson-Smith,M. 2885
Fernandez,J.M. 7583
Fernandez,K.E.W. 11389
Ferrari,G. 9075
Ferrari,S. 353,9068
Ferraz,C. 3109
Ferrero,E. 4173
Ferrero,I. 8714
Ferretti,L. 9061
Ferrier,G.J.M. 10371
Fett,R. 5391
Fiers,W. 1630
Filby,G. 7727
Filby,R.G. 1273
Filipowicz,W. 10425
Filpula,D. 10385,11381,11382
Filutowicz,M. 3829
Finch,L.R. 2263,6015,6027
Finn,L.A. 5999
Firmin,J.L. 4341
Firtel,R.A. 2613,6825
Fischer,G. 7715
Fischer,H.-M. 2207
Fita,I. 8695
Fitch,I.T. 11845
Fittler,F. 6226
Fjose,A. 9097
Flaggs,G.M. 9053,9054
Flanagan,J.R. 4967
Flanegan,J.B. 10339
Flannery,D. 3951
Fleischmann,J. 765
Fleming,K.A. 8719
Fleuren,G.J. 7773
Fliess,A. 11781
Flores,R. 9864
Flores,S.C. 3889
Floroff,M. 2353
Flügel,R.M. 7724,9557
Focher,F. 6279
Fomenkov,A.I. 10399
Fong,S.L. 1645
Fontaine,M.-L. 11813
Fontdevila,A. 2736
Foran,D.R. 777,5841
Forde,B.G. 11367
Fornace,A. 9587
Forster,R.L.S. 291
Forterre,P. 1379,7833
Fortin,M.G. 11377
Fortina,P. 11223
Foster,B. 3375
Foster,D.N. 9339,10374
Foulkes,N.S. 5687,10355
Fourcade-Peronnet,F. 6113
Fourcroy,P. 2336
Fourney,R.M. 8197
Fournier,M.J. 5587
Fox,G.E. 5673
Fox,K.R. 2063,2489,3655

Fraley,R.T. 4483
Fram,R.J. 9811
Francino,O. 2736
François,J.-C. 11431
Francoz,E. 4097
Franden,M.A. 6353
Frank,D.W. 5699
Frank,R. 2344,7799
Frank-Kamenetskii,M.D. 2165
Franke,C.A. 1634
Frants,R.R. 4724
Franzè,A. 10699
Fratini,A. 9064,9065,9066
Frederick,C.A. 2671
Freese,E. 6237
Fregni,M. 353
Freistadt,M.S. 7720
Frelinger,J.A. 9761
Frendewey,D.A. 5999
Frey,G. 135
Fridman,W.H. 7180
Friedemann,T. 1857
Friedman,K.D. 8718
Frischauf,A.-M. 9185,11769
Fritsch,E.F. 4637
Fritz,A.F. 1453,9058
Fritz,H.-J. 6987,7207
Froehler,B. 4831
Fromont-Racine,M. 7204
Fronia,C. 7733
Frossard,P.M. 1221,1222,2357, 2364,6253,6259,7208,7217, 7757,8746,8747,10948
Frunzio,R. 2737,9979
Fry,M. 199
Fujii,H. 10363
Fujii,S. 8619
Fujii,T. 5199,7717
Fujimoto,E. 380,778,786,1227, 1228,3116,3597,4185,4748, 5221,5704,6256,6257,9354, 9355,9357,9360,9361,9362, 9888,10407,10942,10943, 10944,10946,10947,11390
Fujimura,F.K. 1987
Fujioka,M. 8715,10921
Fujisawa,J.-I. 6547
Fujisawa,R. 8619
Fujita,K. 2366
Fukamizu,A. 3576
Fukuchi,A. 8727
Fukuda,T. 1203
Fukuhara,H. 8433
Fukushige,S. 11057
Fukusho,A. 1620,2725,11759
Fulford,W.D. 9027
Fuller,F. 6259,7217
Fulton,A.M. 5439
Funakoshi,I. 10377
Funke,H. 2741
Furano,A.V. 9125,9233
Fürbaß,R. 11841
Furia,A. 5491
Fusco,A. 9062
Futo,S. 8727
Fütterer,J. 8377

Gadaleta,G. 6233
Gaddipati,J.P. 7303
Gafny,R. 61
Gaillardin,C. 8603
Gal,A. 9078
Galasso,D. 9075
Galazka,G. 6915
Galehouse,D.M. 9339
Galeotti,C.L. 5863
Galibert,F. 6113,7725
Gallie,D.R. 883,3127,8675
Gallwitz,D. 10413
Galpine,A. 3497
Galt,J. 2885
Galton,D. 11856
Galucci,P. 10388
Gama,R.E. 9346
Gammack,A. 8233
Gamper,H.B. 8945,9961
Gancedo,C. 10926
Gander,I. 4419
Ganem,Y.J. 767
Gannon,F. 2859
Garber,R.C. 9875
Garcia,J.A.Jr, 4169
Garcia,M. 1903
Garcia-Luque,I. 9864
Gardella,R. 1651,9074,11388
Gardiner,W.E. 7043
Gardner,R.C. 291
Gareau,J.-L.P. 1223
Garesse,R. 6515
Gargiulo,G. 4915
Garmendia,C. 5727,5895
Garner,I. 1251,10037
Garnett,J. 3705
Garofalo,S. 2737,7758
Gaskell,J. 1219
Gasparro,F.P. 7221
Gassmann,M. 6279
Gattoni,R. 2389
Gaubatz,J.W. 3889
Gaunt,S.J. 10364
Gauthier,S. 4184
Gauvreau,D. 4184
Gay,N.J. 6637
Gaynor,J.J. 5210
Gearing,D.P. 9857
Gedamu,L. 4162
Gegenheimer,P. 1799
Gehe,C. 7241
Gehrke,L. 4483
Geider,K. 6385
Geiger,R. 1213,2718
Geisel,J. 4193
Gelboin,H.V. 6249
Geller,A.I. 5690
Genbauffe,F. 10453
Genest,J.J.Jr 8746,8747
Genest,Y. 9880
George,D.G. 1869
George,S.T. 8721
Georgiev,G.P. 3617,5175
Georgopoulos,C. 7545,10053
Gerald,C. 11821
Gerard,G.F. 265,1999
Gerbi,S.A. 2127
Gerdes,H.-H. 11811
Gerlach,W.L. 3815,6097
Gerretsen,M. 571
Gershon,E.S. 2359
Gershon,P.D. 1779
Gesteland,R.F. 3931
Gewirth,D.T. 10717
Ghanem,N. 11851
Ghetti,A. 3751
Ghribi,S. 1095
Giannini,S.H. 9567
Gibbs,R.A. 11141
Gielen,J. 6753
Gifford,J.A. 9775
Giglioni,B. 4299,7783
Gigot,C. 1295
Gil,D. 6327
Gilbert,J. 9063
Gilbert,T.L. 11825
Gill,J. 374,381,1226,3118, 5703,9357,10409
Gillam,S. 6232
Gilliam,T.C. 11769
Gillilan,S. 376,377,780,785, 787,3591,3592,3594,3595, 3598,4745,5217,5218,5701, 6258,10403,10404
Gilman,J.G. 10635
Gilmore-Hebert,M. 4169
Gimble,J.M. 4967
Gimmi,E.R. 8977
Ginelli,B. 6279
Gingeras,T.R. 11489
Ginns,E.I. 7760
Girard,F. 9059
Giraud,G. 455
Girgis,S.I. 10371
Giroux,S. 10936
Gish,G. 9947
Gitelson,J.I. 9855
Glaser,G. 61
Glaser,T. 7210
Gloor,G. 5211
Glotov,B.O. 519
Glover,D.M. 4253
Glover,J.N.M. 5473
Glucksmann,A. 1011
Glynn,S. 5515
Godany,A. 11507
Goding,C.R. 11047
Goedert,M. 1633
Goetinck,P.F. 7745

Goffrini,P. 8714
Gold,L. 9341
Gold,M. 2765
Goldbach,R. 1967
Goldberg,I. 865
Goldberg,I.H. 11607
Goldenberg,C.J. 4995
Goldstein,L.S.B. 1043
Golub,E.E. 1801
Golub,E.I. 1641
Gómez,I. 7721
Gomez-Pedrozo,M. 11223
Gonda,M.A. 5153
Gong,Q. 1203
Gonye,G.E. 251
Gonzalez,F.J. 6249
Gonzalez,I.L. 10213
Gonzalez-DeWhitt,P.A. 6259, 7217
Good,A.G. 7182
Goodfellow,P.J. 6813
Goodfellow,P.N. 6813
Goodisman,J. 1359
Goodman,M.F. 6465
Goodman,R. 7477
Goodwin,G.H. 10386
Goosen,N. 4595,6228
Gorbalenya,A.E. 7734,7735
Gordon,K. 8377
Gordon,M.P. 7200
Gorin,F. 10403
Gorin,F.A. 2355
Górnicki,P. 685
Gorovsky,M.A. 179,7487,9597
Gorziglia,M. 775,11847
Gosch,G. 9341
Gossen,J.A. 9343
Goswami,P. 4995
Goto,S. 360
Goto,Y. 10363
Gottesfeld,J.M. 11267
Gottesman,M.M. 11850
Gough,A.C. 5783
Gough,N.M. 9857,11819,11820
Gourse,R.L. 9789
Goyert,S.M. 4173
Grachev,S.A. 519
Graeber,I. 941
Gragerov,A.I. 1169
Graham,A. 8233
Graham,A.F. 1551
Graham,M. 4465
Graham,S.V. 2523
Grandchamp,B. 3102
Grant,F.J. 4166
Grant,S.G. 1642
Grässmann,A. 941
Grässmann,M. 941
Gravel,R.A. 2362
Graves,D.E. 9707
Gray,D.M. 719
Gray,F.C. 500
Gray,J.C. 348
Gray,M.W. 1210
Gray,P.W. 9053,9054
Graziani,F. 4915
Green,K. 775
Green,S. 369
Greenberg,J.R. 3437
Gregersen,N. 352,10387
Gregory,R.J. 8129
Gresh,N. 3061
Greuer,B. 815
Grieco,M. 9062
Grienenberger,J.M. 7737
Griep,A.E. 8963
Griffin,B.E. 4353
Griffith,J. 8945
Griffiths,L.R. 7752
Grigg,G.W. 2063
Grimber,G. 2099
Grinblat,Y. 1043
Grinnell,B.W. 1635,9057
Grivell,L.A. 5797,7287
Grodberg,J. 1209
Grody,W.W. 8191
Groebe,D.R. 11725
Groffen,J. 8045,10069
Gröger,G. 7763
Groner,Y. 9060
Gronostajski,R.M. 2087
Groot,P.C. 4724
Groot Koerkamp,M.J.A. 6597, 9147
Gross,H.J. 7713,7715
Gross,K.W. 2111
Gross,M.K. 11625
Grossi,G. 4915
Grossman,L. 7855,9641, 9651,10891,10903
Grove,G. 425
Grubb,P. 776
Gruidl,M.E. 9862
Grumet,F.C. 8157
Grunberg-Manago,M. 10803
Grundmann,U. 4721,8711
Grundström,T. 5927
Gruss,P. 8963,9995
Gryaznova,O.I. 3721
Grzeschik,K.H. 1650
Gu,X. 10936
Gualandi,G. 3195
Guardiola,J. 11372
Gubler,U. 2726
Guellaen,G. 11848
Guérin,P. 7759
Guerineau,F. 11380
Guerrero,C. 9859
Guidet,F. 2336
Guignery-Frelat,G. 9048, 9049,9050
Guillemaut,P. 4777,7194,11812
Guilley,H. 9917
Gulcher,J.R. 10931
Gulle,H. 815
Gumport,R.I. 7901
Gumucio,D.L. 8261
Gunderson,S.I. 4511
Gunn,P.R. 763
Gupta,R. 4156
Gusella,J.F. 1646,1648,9185, 11769,11848
Gutiérrez,J. 5895
Gutierrez-Hartmann,A. 3963
Guy,K. 3123
Guzmán,P. 11091
Gwadz,R.W. 4499

Haanes-Fritz,E. 4667
Haber,D. 8953
Habets,W.J. 8307
Haché,R.J.G. 97
Hackett,P.B. 10751
Hadlaczky,G. 10013
Haefliger,D.N. 8291
Haenni,A.-L. 6157
Hagendorff,G. 2333
Hager,G.L. 609
Haggarty,A. 10575
Haider,M.Z. 10927
Haines,J.L. 11769
Hakimi,J. 3584
Haldeman,B.A. 4166
Haley,J. 7753
Halford,S.E. 3705
Halfter,H. 10413
Hall,C. 5209
Hall,L.M.C. 9047
Hall,T.C. 981
Hallberg,B. 5927
Halley,C. 10913
Hallick,L.M. 213
Hallick,R.B. 9340,9866
Hallupp,M. 9870
Haluska,F.G. 2077
Ham,J. 5263
Hamard,G. 1921
Hameister,H. 6241,6242,6243
Hamilton,W.D.O. 8707
Hamood,A. 5699
Han,J.H. 11837
Hanafusa,H. 9876
Hanahan,D. 1563
Hanau,L.H. 3977
Hanauer,A. 2744
Hanawalt,P.C. 7397
Handa,H. 9497
Haniford,D.B. 5473
Hanish,J. 364
Hanks,S.K. 8189
Hanley,B.A. 7159
Hanley-Bowdoin,L. 10511
Hao,Q. 7061
Haqqi,T.M. 11844
Hara,A. 3107,10362
Hara,N. 8727

Haraguchi,Y. 8789
Harbers,K. 773
Harbison,S.-A. 291
Hardas,B.D. 11319
Harding,J.D. 2509
Harford,J.B. 629
Hariharan,I.K. 9345
Harley,C.B. 7269
Harper,P.S. 1648
Harris,A. 4172
Harris,B.A. 3585
Harris,H. 2361
Harris,L.J. 5991
Harris,S. 10379
Harrison,D.A. 8707
Harrison,S.D. 11403
Harshey,R. 11285
Hartley,J.A. 665
Hartmann,R.K. 3511,9043
Harumoto,T. 2366
Harvey,S.C. 11795
Harvey,S.E. 10593
Harwood,A.J. 5193
Haselkorn,R. 8735
Haselman,T. 5673
Hashi,H. 3578
Hashimoto,T. 10369
Hasnain,S.E. 11373
Hastie,N.D. 51
Hataya,T. 347
Hatch,C.L. 1113
Hatt,C. 4053
Hauber,J. 4736,10623
Hauber,R. 1213
Haugli,F.B. 10370
Haukanes,B.-I. 6871
Hauswirth,W.W. 9873
Havlik,M. 10395
Hawkins,J.D. 9893
Hay,R.T. 8277
Hayakawa,T. 4761
Hayashi,M. 5695
Hayashi,Y. 8773
Hayward,D.C. 4253
Hearst,J.E. 8945,9961
Hebert,J.M. 2745
Heckl,K. 6224
Hedgcoth,C. 11376
Hedgpeth,J. 7269
Hegele,R.A. 7214
Hegyi,H. 2734,5407
Hehman,G.L. 9873
Heike,T. 6547
Heilig,R. 11815
Heinemann,U. 7799
Heinzmann,C. 4739
Heisterkamp,N. 8045,10069
Heitlinger,E. 647
Hejtmancik,J.F. 8744
Hélène,C. 2225,5039,11431
Helfman,D.M. 5999
Helland,D.E. 6871
Heller,G. 7817
Hellmiss,R. 10383
Hemmings,B.A. 11365,11366
Henchcliffe,C. 3545
Henderson,N.C. 9933
Henderson,S.A. 4722
Hendriks,R.W. 2365
Henikoff,S. 6191,6234
Henkes,W. 11822
Hennecke,H. 2207
Henner,D.J. 10383
Hennis,B.C. 9663
Henriksen,U. 5755
Herbert,J. 9351
Herbstreith,M. 9063
Hermoso,J.M. 5727
Hermsen,K.M. 5213
Herrenknecht,K. 7713
Herrmann,R. 8323,8337
Herruer,M.H. 7917
Hershey,J.W.B. 8675,10803
Herzyk,P. 8999
Heslot,H. 8603
Hess,D. 7199
Hevia,E. 8179
Heyndrickx,L. 6227
Hiatt,W.R. 7191
Hibiya,M. 9497
Hickey,D.A. 9880
Hickey,R.J. 1431
Higgins,D.G. 8207
Highkin,M.K. 7619
Higuchi,R. 7351
Higuchi,Y. 10373
Hilbers,C.W. 5713
Hill,D.E. 365,9253
Hill,D.F. 2721,2722
Hill,W.E. 1603,10817
Hillyard,D.R. 7196
Hilscher,K.A. 11249
Hindahl,M.S. 5699
Hindley,J. 364,4168
Hinz,H.-J. 11737
Hippenmeyer,P.J. 7619
Hiramatsu,H. 3107
Hirashima,A. 6205
Hiratsuka,K. 1207
Hirose,T. 6205
Hirsh,D.I. 5692
Hirst,K. 1333
Hisamutdinov,T.A. 5175
Hishinuma,F. 6693,7499
Hixson,J.E. 5841
Ho,S.N. 9051
Ho,Y.-S. 5207,7746
Hobbs,H.H. 7215
Hoben,P.J. 9431
Hobson,G.M. 8925
Hoebee,B. 8147
Hoehe,M.R. 2359,7754,9070
Hoeijmakers,J.H.J. 5305
Hofer,B. 5206
Hoff,M. 373,379,781,787, 3118,3119,3596,4189,4741, 4742,5217,5218,5703,9366, 10400,10401,10409
Hoffman-Liebermann,B. 11385
Hoffmann,E. 2353
Höfgen,R. 9877
Hofmann,A. 3223,8731
Hofmann,T.J. 3283,3297
Hofsteenge,J. 11365,11366
Hogeweg,P. 10849
Hohlmaier,J. 6987
Hohn,Th. 8377
Hojo,K. 11818
Holberton,D.V. 7177
Holicky,E.L. 10593
Holland,D. 8722
Hollis,M. 364
Hollister,C. 1873
Holm,C. 9879
Holm,K.A. 10131
Holm,T. 372,781,787,3115, 3117,3118,3593,3598,4741, 4742,4746,5216,5217,5218, 5701,5709,9363,9887, 10400,10945
Holton,P. 3327
Holzer,F.M. 10477
Honée,G. 6240
Honigberg,S.M. 8157
Hooberman,A.L. 8741
Hood,L. 3863,7563,10376
Hoogerbrugge,P.M. 10083
Hooykaas,P.J.J. 4621,10025
Hope,D.A. 4159
Höpfl,P. 2343,2348,5194,9043
Hopley,A.P. 11367
Hoppe,E. 815
Hopwood,D.A. 4341
Horak,I. 7241
Hordvik,I. 9097
Hori,H. 10358,10938
Horn,T. 4937,11559
Hornes,E. 10861
Horowitz,H. 10153
Hortsch,M. 361
Horvath,D. 2585,4137
Horvath,G. 11171
Hottiger,M. 6279
Houck,C.M. 7191
Houde,A. 7195,11374
Houdebine,L.-M. 8180, 11813,11814
Houle,B. 1223
Houmard,J. 1626
Housiaux,P.J. 2721,2722
Houweling,A. 10973
Hovemann,B. 3175
Howard,A.J. 5207,7746
Howard,D.H. 765
Howard,P.K. 2613,6825
Howes,G. 3039

Hoyer-Fender,S. 7723
Hromas,R. 953
Hruby,D.E. 1634
Hsieh,J.-C. 4180,10382
Hsu,B.L. 5557
Hu,W.-S. 11237
Huang,D.H. 7133
Huang,J. 9737
Huang,R.C. 7203
Huang,Y. 11125
Huberman,J.A. 6373
Hubert,C. 8180
Hübscher,U. 4407,6279,7739
Huck,S. 3108
Hudson,A.P. 1622
Huff,M.E. 251
Hughes,C. 4789
Hughes,J. 5291
Hughes,J.E. 2338
Hughes,M.A. 7193
Hughes,P.J. 9346
Hughes,T.A. 10398
Hui,C.-F. 7205,10382
Huisman,T.H.J. 10635
Hultman,T. 3025
Humphreys,T. 11543
Humphries,S.E. 8361,10393
Hung,P. 8188
Hung,W.-Y. 7209,9063,9072
Hunt,L.T. 1869,5195
Huppi,K. 8200
Huse,W.D. 7583
Hussain,A. 3075
Hutchinson,C.A.III 739
Hutchison,C.A.,III 9761
Hutchison,W. 3124
Hüttenhofer,A. 8665
Huttner,W.B. 11811
Huynh-Dinh,T. 1619,8695
Huynh-van-Tan, 1921
Hyland,V.J. 8203,9064, 9065,9066,11389
Hyman,H.C. 61
Hynes,N.E. 10356

Ibbotson,J.P. 5345
Ide,H. 11339
Idler,K.B. 4621
Igarashi,K. 5199,5201
Iglewski,B.H. 5699,9323
Igloi,G.L. 5696
Igolen,J. 8695
Ikenaka,K. 11441
Ikezawa,H. 10370
Illarionov,B.A. 9855
Illing,G.T. 1541
Imai,K. 9497
Imbach,J.-L. 833
Imberski,R.B. 6883
Imler,J.L. 3005
Imoto,M. 10171
Inamdar,N. 8029
Inayama,S. 6205
Ingram,C. 7216
Innis,M.A. 9869
Inokuchi,K. 6693
Inokuchi,Y. 6205
Inoue,M. 6175
Inzé,D. 6753
Ioannidis,I. 1617
Iritani,A. 3578
Ishida,N. 3581,11831
Ishida,T. 6175
Ishii,S. 11075
Ishioka,H. 3107,10362
Ishizaki,R. 11075
Issemann,I. 369
Ito,J. 4180
Ito,T. 9177
Itoh,N. 10377
Itoh,S. 2366
Ivarie,R. 7145
Ivell,R. 7747
Iwagami,S. 11818
Iwahana,H. 11850
Iwai,S. 9443
Izumi,S. 7717
Izzo,P. 4733

Jackowski,G. 2353
Jacks,C.M. 10751
Jacobs,K.A. 4637
Jacobson,A.B. 6205
Jacobson,R.J. 10389
Jaegle,M. 1967
Jahroudi,N. 4162
Jain,C. 4730
Jakab,G. 5407
Jakowlew,S.B. 8730
Jakubczak,J.L. 10561
James,L.C. 10398
Jandreski,M.A. 4737
Jansen,M. 2741
Jansen-Durr,P. 3771
Jansz,H.S. 7867,9513
Jantzen,K. 4736
Jardi,R. 11834
Jaworska,M. 11675
Jaxel,C. 11157
Jeffreys,A.J. 10953
Jendoubi,M. 10928
Jenkins,M.C. 9863
Jenkins,M.E. 9340
Jennings,W.W.,III 7145
Jensen,K.F. 3013,9545
Jensen,M.A. 11846
Jeppesen,C. 2127,3877, 5755,9545
Jerala,R. 1759
Jessus,C. 2225
Jiang,X.-W. 6531
Jigami,Y. 1407
Jimenez-Ruiz,A. 1393
Jin,Y. 8953
Jinno,Y. 4957
Jiricny,J. 4160,4875,7843
Jobling,S.A. 4483
Johansen,T. 10370
Johnson,E.M. 7742
Johnson,I.D. 4287
Johnson,J.D. 4569
Johnson,J.L. 439
Johnson,J.P. 3579
Johnson,L.K. 9073
Jolivet,G. 11813
Jonard,G. 9917
Jones,B.K. 4539
Jones,C. 7210,10406,11390, 11391,11392,11393, 11394,11395
Jones,D. 8181
Jones,D.S. 7193,9349
Jones,J. 9267
Jones,J.S. 7119
Jones,R. 8735
Jordan,B.R. 6767
Jørgensen,J.-E. 39
Joseph,L. 11855
Jouvenne,P. 10390
Jovin,T.M. 6659
Jowett,T. 5783
Joyce,P.B.M. 1210
Jücker,M. 4193
Julien,J.-P. 4184
Jung,R. 5685
Jurka,J. 766

Kado,C.I. 8736
Kadowaki,Y. 11057
Kagawa,Y. 3577,10916
Kagramanova,V.K. 4158,4679
Kahn,C.R. 8204
Kaine,B. 4156
Kakkis,E. 77
Kalandarishvili,K.G. 4989
Kaliman,A.V. 6230,10353
Kallenbach,N.R. 6803
Kalsheker,N. 8233
Kam,W. 5694
Kameyama,K. 9497
Kamino,K 11387
Kamoun,P. 2099
Kamp,D. 6246
Kan,Y.W. 5694
Kanamori,M. 6256
Kane,J.P. 1222,2364
Kano-Murakami,Y. 11829, 11830
Kaplan,D.J. 10375
Kappler,J. 11355
Karginov,V.A. 9855
Karpinska,B. 6239
Karty,R.A. 213
Kastelic,K.A. 5055
Katahira,M. 8619
Kato,S. 10368

Katoh,K. 3589
Kavanagh,T. 5198
Kaverina,E.N. 1169
Kawamukai,M. 7732
Kawasaki,T. 10377
Kawase,S. 7732
Kawashima,E. 305
Keating,A. 5515
Kédinger,C. 3771
Kefalas,P. 500
Kehl,M. 10593
Kehne,A. 1631
Keith,G. 8175
Kellogg,J. 7210
Kelsoe,J.R. 7760
Kemler,I. 4175
Kemp,D.J. 8186
Kendal,A.P. 4181
Kent,N.A. 9348
Kenwrick,S.J. 1305
Keohavong,P. 4157
Kerbiriou-Nabias,D. 1208,2742
Keskinova,E. 4525
Keyte,J. 10953
Khan,N. 5107
Khan,P.M. 3255
Khan,R. 8029
Khan,S.A. 8509
Khillan,J.S. 1423
Khorana,H.G. 6361
Kiang,D.T. 4705
Kidd,K.K. 1649,11855
Kiefer,M.C. 5213
Kiener,A. 4447
Kieser,T. 4341
Kieswetter,C. 9876
Kikkawa,F. 3577
Kikkawa,U. 5199
Kikuchi,K. 10171
Kim,H.-S. 8887
Kim,H.-Y. 9856
Kim,J. 1135
Kim,J.H. 357
Kim,M.H. 5075
Kimizuka,F. 7315
Kinet,J.P. 3584
King,A.M.Q. 11705
King,D.C. 8746,8747
King,J. 7545
King,J.A. 9857
King,R. 9890
Kingsman,A.J. 1333,4287, 5439,7103,8245
Kingsman,S.M. 1333,4287, 5439,7103,8245
Kioka,N. 3578
Kirchgessner,T.G. 9879
Kirk,M.C. 5661
Kirk-Mason,K.E. 2733
Kirshenbaum,M.R. 7943
Kis,M. 5407,7179
Kishi,K. 3584
Kiso,J. 3415
Kiss,I. 1211
Kiss,T. 2734,5407,7179
Kitao,S. 764
Kitchener,H.C. 11371
Kitts,P.A. 6839
Kitzis,A. 1921,2354
Klarsfeld,A. 1251
Klassen,G.R. 3114
Klaus,M.M. 9165
Klausner,R.D. 629
Kleckner,N. 4730
Klein,A. 7419,8113
Klein-Hitpass,L. 647
Kleinert,H. 1319
Klemm,U. 11826
Kleppe,K. 6871
Klessig,D.F. 9861
Klobeck,H.-G. 6226,6242, 6243,7190
Klobutcher,L.A. 251
Kloeckener-Gruissem,B. 10783
Klysik,J. 6915
Kmetz,M. 4735
Knaub,S. 7419
Knippers,R. 5391
Knipple,D.C. 7748
Knobler,R.M. 7221
Knöchel,W. 1625,8803
Knoppel,E. 10069
Knoth,K. 10932
Knott,T.J. 8361
Knott,V. 2601
Knowland,J. 7183,10469
Knowles,N.J. 1779
Knowlton,R.G. 11386
Knox,J. 2087
Knutsen,T. 8541
Kobayashi,M. 7729
Kobayashi,S. 360
Kobayashi,T. 5691
Koch,J.E. 352,10387
Kochan,J. 3584
Kochoyan,M. 7685
Köck,J. 8753
Koekman,B. 11823
Koenen,M. 10920
Koenig,R.J. 6248
Kohara,Y. 7732
Kohchi,T. 10025
Koiwa,K. 9307
Kohn,K.W. 11157
Köhrer,K. 9457
Kolacz,K. 4169
Kolakowski,L.F.,Jr 10441
Koller,Th. 7013
Kolosov,V.L. 8737
Koltunow,A.M. 849
Kølvraa,S. 352,10387
Komagata,K. 10358,10938
Komano,T. 3578,7732,10025
Kominami,R. 1197
Kominc V. 10025
Kondoh,H. 3589
Kondoleon,S. 6250,6251
Konings,D.A.M. 10849
Konopka,A.K. 1739
Koonin,E.V. 7734,7735
Kopper,R.A. 11249
Korn,D. 7961
Korn,L.J. 3801
Kornberg,R.D. 6677
Kornberg,T.B. 6637
Körner,J. 9078
Koronakis,V. 4789
Körtner,C. 8113
Kosack,M. 4315
Kössel,H. 5696,5741
Köster,M. 8803
Kosugi,R. 3107,10362
Kotewicz,M.L. 265
Kotkow,K.J. 10643
Kotula,L. 10950
Kozak,C.A. 7190
Kozaki,M. 10938
Kozma,S.C. 10356
Kraal,B. 10099
Kraehenbuhl,J.-P. 8180, 11813,11814
Kraev,A.S. 10929
Krafft-Czepa,H. 772
Krainer,A.R. 9145,11375
Kramarov,V.M. 10399
Kramer,W. 6987,7207
Krammer,P.H. 772
Krapcho,K. 374,378,780,1226, 1227,1229,3120,3122,3590, 4745,5219,5221,5704,5706, 9358,9360,9361,9364,9367, 9370,9882,9886,10402, 10405,10408,10941
Krasner,A.S. 8728
Krasney,P. 3375
Kraus,S.L. 4183
Kraus,W. 4667
Kresnak,M.T. 1221
Kress,M. 11383
Kriauciunas,K.M. 8204
Krieg,J. 10356
Krieg,R. 10623
Krippl,B. 8963
Krishna,N.R. 7133
Krishnamoorthy,R. 4927
Kristensen,T. 3487
Kristofferson,D. 1857
Krivi,G.G. 7619
Kröckel,L. 8113
Kröger,M. 6789
Kronenberg,M. 3863
Krowicki,K. 665
Krüger,D.H. 3997
Kruh,J. 2354
Krummel,B 7351
Krupp,J.L. 770

Kryukov.V.M. 6230,10353
Kubli,E. 1202,3582
Kück,U. 4729
Kudla,B. 5603
Kuenzle,C.C. 7739
Kugler,W. 3165
Kuhn,R. 4163
Kukushkin,A.N. 8555
Kumar,C.C. 1214
Kumar,H. 11047
Kumlin-Wolff,E. 1224
Kun,J.B. 1931
Kuntz,M. 8733
Küntzel,H. 11507
Kunze,N. 5391
Kupiec,J.-J. 9557
Kupiec,J.J. 767,7725
Küpper,H.A. 4721
Kurnit,D.M. 1646
Kurokawa,T. 5201
Kurosawa,Y. 9497
Kuzmin,E.V. 4177
Kwinkowski,M. 6915
Kwoh,D.Y. 11489
Kwoh,T.J. 11489
Kyogoku,Y. 8619
Kypr,J. 279

La Mantia,G. 4227
La Thangue,N.B. 11417
La Volpe,A. 8213
Labbé,S. 7184
Labeit,S. 361
Labie,D. 4927
Labruyère,W.Th. 7726
Labuda,D. 766
Lacoste-Royal,G. 4184
Ladias,J. 4739
Lafrenz,D. 953
Lagaye,S. 2473
Lai,E. 3863,7563,8191,10376
Lai-Goldman,M. 8191
Laing,N.G. 7209,9072
Laity,J.H. 8185
Lalande,M. 4727,5427
Lalouel,J.-M. 372,373,374,
375,376,377,378,379,380,
381,778,779,780,781,782,
783,784,785,786,787,1224,
1225,1226,1227,1228,1229,
3115,3116,3117,3118,3119,
3120,3121,3122,3590,3591,
3592,3593,3594,3595,3596,
3597,3598,4185,4186,4187,
4188,4189,4190,4191,4192,
4741,4742,4743,4744,4745,
4746,4747,4748,5216,5217,
5218,5219,5220,5221,5222,
5223,5701,5702,5703,5704,
5705,5706,5707,5708,5709,
6254,6255,6256,6257,6258,
7214,9354,9355,9356,9357,
9358,9359,9360,9361,9362,
9881,9882,9883,9884,9885,
9886,9887,9888,9889,10400,
10401,10402,10403,10404,
10408,10409,10941,10942,
10943,10944,10945,10946,
10947
Lam,V.M.S. 2342
Lamb,I.C. 9339
Lambert,B. 1063
Lamers,W.H. 7726
Lampen,J.O. 5691
Lanave,C. 1681
Lancelot,G. 7685
Landolfi,N.F. 5503
Landsman,D. 10386
Landsvater,R.M. 9068
Landy,A. 9687
Lane,M.J. 11125
Lanfrancone,L. 4227
Lang,J.C. 359,7736
Lange,H. 2431
Langlais,M. 751
Langowski,J. 8633
Langsley,G. 4331
Lania,A. 2805
Lania,L. 4227
Lapeyre,J.-N. 3327
LaPlante,S.R. 2323,11125
Lapoumeroulie,C. 4927
Larrinua,I.M. 8183
Larsen,C.-J. 2473
Larsen,P.R. 6248
Latha,P.K. 4651
Lathigra,R.B. 1636
Lathrop,G.M. 372,373,374,
375,376,377,378,379,380,
381,778,779,780,781,782,
783,784,785,786,787,1224,
1225,1226,1227,1228,12229,
3115,3116,3117,3118,3119,
3120,3121, 3120,3121,3122,
3590,3591,3592,3593,3594,
3595,3596,3597,3598,4185,
4186,4187,4188,4189,4190,
4191,4192,4741,4742,4743,
4744,4745,4746,4747,4748,
5216,5217,5218,5219,5220,
5221,5222,5223,5701,5702,
5703,5704,5705,5706,5707,
5708,5709,6254,6255,6256,
6257,6258,9354,9355,9356,
9357,9358,9359,9360,9361,
9362,9881,9882,9883,9884,
9885,9886,9887,9888,9889,
10400,10401,10402,10403,
10404,10408,10409,10941,
10942,10943,10944,10945,
10946,10947

Latour,D.J. 6339
Lauble,H. 7799
Launay,J.M. 767
Laurent,M. 10913
Laval,J. 2691,5879
Lavergne,J.M. 2742
Lavery,R. 11795
Lavin,M.F. 3919
Lawman,M. 9053,9054
Lawrie,J. 7269
Lawther,R.P. 5973
Lazarou,L.P. 5224
Lazarowitz,S.G. 229
Lazdunski,C. 3739
Le,S.-Y. 5153
Le Beau,M.M. 2360
Le Bouc,Y. 9059
Le Guellec,K. 10357
Le Guellec,R. 10357
le Maire,M. 2473
Le Pecq,J.-B. 1063
Leake,R.E. 11371
Learn,G.H. 4734
Leavitt,J. 11769
Lebo,R. 10403
Lechner,K. 7817
Ledbetter,D.H. 6250,6251,8740
Leder,P. 4725
Leduc,F. 1223
Lee,B.L. 10681
Lee,D.-S. 5075
Lee,D.P. 8185
Lee,J.E. 9063
Lee,J.Y. 8708
Lee,K. 6935
Lee,K.-F. 1027
Lee,M. 665,8181
Lee,M.G.-S. 9567
Lee,S. 8188
Lefranc,G. 3108,11851
Lefranc,M.-P. 3108
Legon,S. 10371
Lehman,I.R. 6585
Lehman,R. 6263
Lehrach,H. 5361,9185,11769
Leibowitz,P.J. 1214
Leigh,D.A. 10914
Leiser,M. 9917
Leitersdorf,E. 7215
Leith,I.R. 8277
Lemaire,C. 11815
Lemieux,C. 9631
Lench,N.J. 11854
Leng,M. 7663
Lentes,K.-U. 2359,9070
Leonetti,J.-P. 833
Leong,S.R. 9053,9054
Leong,T. 5631
Leonhardt,H. 1618,9127
Leontis,N. 2537
Leppert,L. 782
Leppert,M. 372,373,374,375,
376,377,378,379,380,381,
778,779,780,781,783,784,

785,786,787,1224,1225,1226,
1227,1228,1229,3115,3116,
3117,3118,3119,3120,3121,
3122,3590,3591,3592,3593,
3594,3595,3596,3597,3598,
4185,4186,4187,4188,4189,
4190,4191,4192,4741,4742,
4743,4744,4745,4746,4747,
4748,5216,5217,5218,5219,
5220,5221,5222,5223,5701,
5702,5703,5704,5705,5706,
5707,5708,5709,6254,6255,
6256,6257,6258,9354,9355,
9356,9357,9358,9359,9360,
9361,9362,9881,9882,9883,
9884,9885,9886,9887,9888,
9889,10400,10401,10402,
10403,10404,10408,10409,
10941,10942,10943,10944,
10945,10946,10947
Lerosey,I. 7719
Leroy,J.L. 7685
Lesnikowski,Z.J. 11675
Lessard,J.L. 4167
Lesser,J. 767
Letowski,J. 11835
Levchenko,I.V. 4177
Léveillard,T. 2744,11852
Levin,A.V. 519
Levinson,A.D. 2235
Levy,A. 199,11381,11382
Levy,D.E. 1371
Levy,G.C. 2323
Lewis,L.K. 1703
Lewis,S.A. 11369
Lhomme,J. 2691
Li,J.-J. 4165
Li,N. 425,5557
Li,S. 11856
Liang,W. 3579
Liarakos,C.D. 11249
Liautard,J.-P. 3109
Libonati,M. 5491
Liddell,A. 5225
Liebermann,D. 11385
Liebschutz,R. 1857
Liesack,W. 5194
Liew,C.-C. 4737
Lightfoot,D.A. 4164
Ligon,J.M. 11843
Lilley,D.M.J. 1079
Lin,J.J. 9875
Lin,S.-C. 8744
Lincke,C.R. 4841
Lindahl,L. 8905
Linder,P. 10359
Lingelbach,K. 3405,9431
Linial,M. 6477
Linn,S. 1135
Linnane,A.W. 9081
Lipinska,B. 7545,10053
Liquier,J. 5621
Liskay,R.M. 4069,10249
Listerud,M.D. 11663
Lisziewicz,J. 11507
Litt,M. 6250,6251,7210,8198
Little,C. 10370
Little,R.D. 865
Liu,H. 5694
Liuni,S. 1681,1715
Livore,A.B. 776
Lloubès,R. 3739
Lloveras,J. 8695
Lloyd,J.A. 6147
Lloyd,J.C. 7931
Lloyd,J.K. 8361
Lloyd,R.G. 1541
Lo,C.W. 774,1201
Lo,Y.-M.D. 8719
Loader,N.M. 5345
Lobaccaro,J.-M. 11851
Lobel,J. 10635
Lockard,R.E. 3113
Lockheart,A. 1333
Lockyer,M.J. 9041
Loeb,L.A. 199
Lohse,P. 2787
Loman,H. 8147
Lommel,S.A. 8587
Lomonossoff,G.P. 8587
Longhurst,T.J. 10914
Longoni,A. 9062
Longstaff,M. 7931
Lonial,H.K. 1214
Looker,D. 7198
Loosfelt,H. 5459
López,M. 8745
López,M.C. 1393
Lord,K. 11385
Lorenzetti,R. 3103
Lot,H. 9917
Lott,J.B. 1205
Lottspeich,F. 4721
Löw,A. 7233
Low,M.G. 10383
Low,R.L. 6427
Lown,J.W. 665
Lu,X. 8351
Luchnik,A.N. 5175
Lucotte,G. 7759
Ludlum,D.B. 5661
Ludwig,R.A. 9839
Ludwig,W. 2343,2344,
2345,2348,9043
Luerssen,H. 7723
Lührmann,R. 10593,10985
Lukácsovich,T. 1211
Lukasheva,L.I. 10929
Lukens,J.H. 5192
Lukins,H.B. 9081
Lund,E. 5813
Lund,L.R. 2805
Lund,V. 10861
Lundberg,L.G. 2351
Lundqvist,T. 4174
Lundrigan,M.D. 1209
Luo,J. 11795
Lurquin,P.F. 7200
Lurz,R. 3075
Lusis,A.J. 4739,9879
Luty,J. 6250,7210
Luzzatto,L. 5687
Lyamichev,V.I. 2165
Lyon,D. 11759
Lyon,J.A. 1206
Lyubchenko,Y.L. 3269

Ma,D.-P. 3588,11373
Maarse,A.C. 5797
Macchi,M. 6085
MacDonald,M.E. 1648,
9185,11769
Macdonnell,J. 5687
Macedo,A.M. 10394
Mache,R. 2461
Machida,C. 7647
Machida,M. 1407
Machida,Y. 7647
Mack,S.L. 9811
MacKay,R.M. 4137
MacKenzie,C.R. 7187
Mackie,G.A. 997,1205
Macnab,J.C.M. 11371
Madaule,P. 2717
Madden,S.L. 2625
Maddox,R.P. 11249
Maeda,Y. 5067
Mag,M. 3525
Magdolen,U. 7181
Magenis,R.E. 8198
Mager,W.H. 4724,7917
Magill,C.W. 776
Magill,J.M. 776
Maher,L.J.,III 3341
Mahillon,J. 11827
Mahon,K.A. 8963
Maier,W.-M. 11826
Maizel,J.V. 5153
Majumder,S. 2897
Mäkelä,J.K. 349
Makrides,S. 2349,2350
Malbon,C.C. 8721
Maldonado,F. 8189
Malefijt,R.D. 6547
Malgaretti,N. 4299,7783
Malinge,J.-M. 7663
Malinowski,J. 3327
Mallet,J. 9078
Malloy,M.J. 1222,2364
Malumbres,M. 9859
Malva,C. 4915
Mamulashvili,N.A. 4989
Manabe,E. 3578
Mancini,F.P. 4733
Mandel,J.L. 6252,11815
Manes,T. 7745

Manfioletti,G. 2873,9878
Mangel,W.F. 1209
Mankin,A.S. 4158,4679
Mankoo,B.S. 1643,2337
Mann,N.H. 9856
Manor,H. 8077
Mansour,T.E. 7001
Mantovani,R. 4299,7783
Manuelidis,E.E. 357
Manuelidis,L. 357
Manzara,T. 9866
Manzi,A. 4915
Marahiel,M.A. 11841
Marcel,Y.L. 8361
Marchuk,D. 7743
Marck,C. 1829
Marcker,A. 39
Marcker,K.A. 39,9347
Marco,R. 6515
Marconi,R.T. 1603
Marcus,E.M. 9068
Marcuzzi,A. 953
Maréchal-Drouard,L. 4777,11812
Marich,J.E. 6235
Mariman,E. 8743
Marín,I. 7827
Marinus,M.G. 9811,9821
Markham,A.F. 8233
Markiewicz,P. 1011
Marrack,P. 11355
Marschalek,R. 6737
Marsella-Herrick,P. 7748
Marsh,L.E. 981
Marsh,M. 7196
Marshall,J. 7177
Marshall,K.J. 4183
Marshallsay,C. 9431
Martial,J. 8726
Martin,C. 778,3116,3121,3122, 3592,3596,4190,4192,4743, 5219,5220,5222,5223,6255, 9361,9365,9368,9370
Martin,D. 4875
Martin,F.B. 10765
Martin,G. 9058
Martín,J.F. 8177,9859
Martin,J.P. 2744,11852
Martin,N.C. 770
Martin,R.G. 4171,8077
Martindale,D.W. 2189
Martinez,H.M. 1683,1789
Martini,D. 3103
Márton,L. 8176
Maruo,B. 7178
Marynen,P. 3110
Masai,H. 6493
Masharani,U. 2357,6253, 7757,9073,10948
Masiarz,F.R. 5213
Maslen,C. 7210,8198
Mason,J.M. 6567
Massenet,O. 2461
Masson,L. 413
Massung,R.F. 571
Matassi,G. 4269
Mateos,L.M. 9859
Mathew,C.G.P. 1645,9068
Mathieu,M. 4184
Matsubara,K. 4865,11057
Matsuda,Y. 10921
Matsui,K. 2366
Matsui,M. 11075
Matsukage,A. 8773
Matsumoto,H. 2366
Matsumoto,Y. 3801
Matsunaga,E. 6249
Matsuo,Y. 2366
Matsuoka,H. 9497
Matsuoka,M. 11829,11830
Mattei,D. 5204
Mattei,M.G. 8749
Matteucci,M. 4831
Matthews,J.A. 2727
Matvienko,N.I. 8172,10399
Matzura,H. 2045
Maulik,S. 1857
Maunders,M. 4178
Maurel,M.-C. 1095
Maurer,F. 11365,11366
Maurizot,J.C. 5039
Max,E.E. 4967
Maxwell,E.S. 6041
Maxwell,F. 367
Maxwell,I. 367
May,E. 11384
May,P. 11383
Mayer,R. 11365,11366
Mazel,D. 1626
McBride,O.W. 7755,7756
McCarty,D.M. 9873
McClelland,M. 364,2283
McConlogue,L. 9869
McCray,W.H.,Jr 6935
McCue,A.W. 11489
McCutchan,T.F. 4499, 6883,6973
McDonald,K. 5515
McDowell,D.G. 9856
McEntee,C.M. 1622
McEwen,J.E. 10783
McGee,J.O'D. 3951
McGill,S. 7189
McGraw,R.A. 10389
McGuire,D.K. 11249
McHale,M. 9348
McHenry,C.S. 6353
McHugh,K.M. 4167
McKay,J. 9721
McKerrow,J.H. 7087
Mclaren,A.W. 5783
McLauchlan,J. 5323
McLaughlin,L.W. 5631,10283
McLaughlin,W.E. 8183
McLean,M.J. 3655
McLeod,J.G. 7752
McMacken,R. 9611
McNab,A. 367
McOsker,P.L. 1577
McPheeters,D.S. 9341
McPherson,D.T. 4111
McRobbie,S.J. 4738
Meacock,P.A. 8097
Mechali,M. 8525
Mechulam,Y. 8095
Medeiros,A. 10394
Meese,K. 21
Mehal,W.Z. 8719
Meier,R. 2340
Meighen,E.A. 1551
Meijer,D. 5305
Meijlink,F. 2729
Meinke,A. 5696
Meinnel,T. 8095
Meisler,M.H. 8261
Meisterernst,M. 4419
Melançon,P. 9631
Melchers,L.S. 4621
Melekhovets,Yu.F. 4155
Mellon,S.H. 3963
Melnikova,A.F. 11187
Mendenhall,M.D. 8712,8713
Ménez,A. 9048,9049,9050
Meng,Y.B. 7189
Mensink,E.J.B.M. 2365
Mentzel,H. 8803
Mercola,M. 77
Mériel,C. 5459
Merillat,A.-M. 8291
Merk,A.C. 8198
Merlino,G.T. 4957
Merrill,C. 4178
Merrill,G.F. 11625
Mertvetsov,N.P. 9855
Mesterovic,N. 7752
Mesyanzhinov,V.V. 2334, 10361
Metz,R.J. 5203
Meulien,P. 2742
Meyer,D. 1208,2742
Meyer,D.I. 361
Meyer,M.F. 8198
Meyer,R.R. 6447
Meyerhof,W. 1625,8803
Mezquita,C. 11838
Mezquita,J. 11838
Micard,D. 455
Michiels,F. 11769
Mickle,D.A.G. 2353
Middleton,K.M. 10917
Middleton,P.G. 3123
Mihashi,S. 10377
Miki,T. 1649,11387
Mikita,T. 9165
Mikoshiba,K. 11441
Mileham,A.J. 11842

Miles,J.S. 5783
Milgrom,E. 5459
Millan,J.L. 7745
Millar Whalley,J. 11303
Miller,B.A. 8741
Miller,D.A. 10921
Miller,J.F. 6127
Miller,J.R. 10364
Miller,L.A. 7198
Miller,M.A. 7961
Miller,N.E. 8361
Miller,P.S. 10681
Miller,R.H. 3580
Miller,S.A. 1215
Miller,S.P. 1349
Miller,W.A. 6097
Mills,J.S. 6229
Milne,R.W. 8361
Milton,D.L. 3931
Min,B. 10374
Min,K.T. 5075
Minet-Thuriaux,M. 2099
Minganti,C. 3103
Minton,N.P. 3101,9858
Mirkin,S.M. 2165
Mironov,A.A. 5169
Mirzabekov,A.D. 11187
Mishima,N. 10635
Mishra,R.K. 4651
Misrahi,M. 5459
Mita,S. 9351
Mitani,K. 1197
Mitchell,D.B. 6244
Mitchell,M.T. 8925
Mitra,S. 6397
Mitsuhashi,T. 5697
Mitsui,K. 3573,3574,3575
Mitsui,Y. 3581,11831
Miura,M. 11441
Miyajima,N. 11057
Miyaki,M. 2363
Miyamoto,C.M. 1551
Miyamoto,N.G. 2087
Miyatake,S. 6547
Miyazaki,T. 2366
Miyazaki,Y. 10373
Mizobuchi,K. 8717
Mizuno,Y. 10916
Mocarski,E.S. 6585
Mochalov,V.V. 10399
Mocikat,R. 3693
Modrich,P. 7843
Moghazeh,S. 2179
Mohamed,R. 3919
Mohrenweiser,H.W. 9055
Moks,T. 3025
Molina,M. 7103
Molko,D. 319
Molloy,G.R. 8925
Molloy,P.L. 1471,2335,11107
Molven,A. 9097
Molyneux,K. 11833
Momota,H. 3107,10362
Monaci,P. 1285
Mondello,C. 6813
Mondini,P. 7753
Monpezat,J.-P. 2739
Monson,E.K. 7191
Montecucco,A. 3907,7369
Montero,L.M. 4269
Montgomery,R.R. 8718
Monticelli,A. 2737,7758
Mooney,P.Q. 1635
Moore,C.L. 5323
Moore,D.D. 6248
Moore,M.A. 2247
Moore,P.B. 10717
Moore,R. 7183
Moore,T.K. 3889
Moorman,A.F.M. 7726
Mooslehner,K. 773
Morandi,C. 3751
Morch,M.-D. 6157
Morcos,P. 1499
Morel,P. 8736
Morett,E. 11469
Morgan,G.T. 10917
Morgan,R. 9477
Morgan,R.D. 3104,5205, 9872,10365
Mori,M. 1627,8789
Morin,G.B. 327
Morita,T. 7315
Moriyama,H. 8732
Morley,S. 7747
Morosoli,R. 9874
Morozov,S.Yu. 10929
Morris,S. 6249
Morris,S.M. 9352
Morvan,F. 833
Mosbaugh,D.W. 5645
Moshier,J.A. 7203
Mosig,G. 3313,9862
Moss,T. 7744
Mougel,M. 2825
Mount,D.W. 1703
Mousseron-Grall,S. 8525
Mudryj,M. 7513
Mueller,D.M. 8181
Mueller,R.G. 10356
Mul,Y. 6597
Mullenders,L.H.F. 10607
Muller,D. 8361,9761
Müller,K. 4121
Muller,M.T. 5533
Müller,M.W. 7383
Müller,U.R. 10733
Müller,W. 10939
Müller-Wieland,D. 8204
Mullet,J.E. 8184
Mulley,J.C. 9071
Mullineaux,P. 11380
Murakami,K. 3576,11831
Muramatsu,M. 1197,11387
Muranyi,W. 7724
Murdoch,G.H. 357
Murphy,G. 5198
Murphy,J.R. 10453
Murray,J.C. 2743,4740,8201, 8202,8742,9069
Murray,M.J. 4166
Murray,N.E. 1563,6725
Murray,R. 9761
Murtha,M. 3375
Murzina,N.V. 8172
Muto,A. 8129
Muurling,H. 11823
Myers,R. 784,785,1224,3121, 3591,3592,4187,4190,4191, 5220,5223,9365,9368,9883

Nagae,Y. 10363
Nagai,K. 5067
Nagamine,Y. 7527
Nagaya,T. 4865
Nagle,J.W. 10385
Nagy,F. 8176
Nahon,J.-L. 2749
Naito,M. 9497
Nakagawa,J. 7527
Nakahigashi,K. 10025
Nakamaye,K.L. 9947
Nakamoto,K. 10323
Nakamura,T. 4865
Nakamura,Y. 372,373,374,375, 376,377,378,379,380,381, 778,779,780,781,782,783, 784,785,786,787,1224,1225, 1226,1227,1228,1229,3115, 3116,3117,3118,3119,3120, 3121,3122,3590,3591,3592, 3593,3594,3595,3596,3597, 3598,4185,4186,4187,4188, 4189,4190,4191,4192,4741, 4742,4743,4744,4745,4746, 4747,4748,5216,5217,5218, 5219,5220,5221,5222,5223, 5701,5702,5703,5704,5705, 5706,5707,5708,5709,6254, 6255,6256,6257,6258,7214, 9354,9355,9356,9357,9358, 9359,9360,9361,9362,9363, 9364,9365,9366,9367,9368, 9369,9370,9881,9882,9883, 9884,9885,9886,9887,9888, 9889,10400,10401,10402, 10403,10404,10408,10409, 10941,10942,10943,10944, 10945,10946,10947,11390, 11391,11392,11393, 11394,11395,
Nakano,E. 764
Nakas,J.P. 11843
Nakashima,P.F. 2364
Nakatani,Y. 6237
Nakayama,A. 6693

Namamura,Y. 5709
Narang,S.A. 7187
Narayanan,P.R. 10267
Narula,S.K. 1214
Nash,H.A. 6839
Nash,T.E. 4555
Naskret-Barciszewska,M. 685
Natarajan,A.T. 10607
Nedospasov,S.A. 3112
Needham,M. 5263,6229
Nees,D.W. 9839
Neidle,S. 8999
Neill,S.D. 4637
Neilson,L. 11371
Nelbock,P. 4736
Nelson,A. 4569
Nelson,M. 364
Nerlich,C. 4721,8711
Neuberger,M.S. 6713
Neuer-Nitsche,B. 8351
Neuman,W.L. 2360
Neumann,R. 10953
Neve,R.L. 1646
Nevin,N.C. 2885
Newlon,C.S. 6373
Newman,P.J. 8718
Newport,G.R. 7087
Newsome,D.A. 7145
Newton,C.R. 8233
Ng,P. 4831
Nguyen,C. 6767
Nguyen,P.N. 11141
Nicholls,D.J. 9858
Nichols,L. 2931
Nicholson,A.W. 1577
Nicholson,G.A. 7752
Nick,H. 953
Nicolis,S. 4299,7783
Niebling,K.R. 1577
Nielsen,N.C. 371
Nielsen,P.E. 3877,5755,9545
Nienhuis,A.W. 6057
Nietfeld,W. 8803
Nikodem,V. 5697
Nikolaev,L.G. 519
Nikolaeva,L.I. 10361
Nilsson,L. 10183
Nilsson,O. 4174
Nishida,J. 6547
Nishida,T. 7732
Nishikawa,K. 775,11847
Nishikimi,M. 3577
Nishimatsu,S. 3581,11831
Nishizuka,Y. 5199
Nisson,P.E. 1431
Niwa,M. 5695
Niwa,Y. 7647
Njølstad,P.R. 9097
Noguchi,T. 8749
Noguiez,P. 9059
Nomura,M. 10529
Nomura,N. 11075
Noolandi,J. 5427
Noon,W.A. 4161
Noonan,K.E. 10366
Nordheim,A. 21
Nordling,M. 2351
Noteborn,M.H.M. 10109
Noten,J.F.H. 10849
Novick,R.P. 2179,2897
Nunn,D.N. 7722
Nur,I. 9233
Nurse,K. 165
Nussbaum,A.L. 9165
Nwosu,V.U. 3705

O'Brien,T.W. 2565
O'Brien,W.E. 1650,9352
O'Connell,P. 372,373,374,375,
376,377,378,379,380,381,
778,779,780,781,782,783,
784,785,786,787,1224,1225,
1226,1227,1228,1229,3115,
3116,3117,3118,3119,3120,
3121,3122,3590,3591,3592,
3593,3594,3595,3596,3597,
3598,4185,4186,4187,4188,
4189,4190,4191,4192,4741,
4742,4743,4744,4745,4746,
4747,4748,5216,5217,5218,
5219,5220,5221,5222,5223,
5701,5702,5703,5704,5705,
5706,5707,5708,5709,6254,
6255,6256,6257,6258,9354,
9355,9356,9357,9358,9359,
9360,9361,9362,9881,9882,
9883,9884,9885,9886,9887,
9888,9889,10400,10401,
10402,10403,10404,10408,
10409,10941,10942,10943,
10944,10945,10946,10947
O'Connor,D.T. 11207
O'Connor,M. 3039
O'Connor,T.R. 2691,5879
O'Hara,P.J. 4166,10153,11825
O'Mahoney,J.V. 9046
O'Malley,K.L. 4437
O'Rahilly,S. 5700
Oberbäumer,I. 7181
Oberle,J. 8749
Obermiller,P.S. 11489
Oberste,M.S. 10339
Odgen,J.E. 1333
Odijk,H. 5305
Odle,G. 6228
Odo,J. 10323
Oeser,B. 8729
Oetting,W. 9890
Ofengand,J. 165
Offord,E.A. 11371
Offringa,R. 10973
Ogawa,H. 8715,10921
Ogilvie,K.K. 4583
Ogita,K. 5199
Ogren,W.L. 7192
Ogura,Y. 10025
Ohashi,Y. 11829,11830
Ohgai,H. 3107,10362
Ohmayer,A. 6987,7207
Ohmen,J.D. 10783
Ohno,M. 3157
Ohta,S. 3577,10916
Ohtsubo,E. 5067
Ohtsuka,E. 9443
Ohyama,K. 10025
Oikawa,A. 4447
Oka,K. 11856
Okamoto,M. 2363
Okamura,K. 9497
Okazaki,T. 6531,10363
Okruszek,A. 6915
Okumoto,D.S. 7397
Okuno,M. 3578
Old,R.W. 4903
Old,S.E. 9055
Olek,K. 4193
Oliphant,A.R. 7673
Olive,J. 1125
Oliviero,S. 1285
Olley,P.M. 2353
Olson,K. 367
Olsson,A. 3025,8391
Olszewski,N.E. 10765
Ono,A. 4761
Ono,Y. 5199
Ordahl,C.P. 8443
Ordovas,J.M. 8746
Ordovas,M.J. 8747
Orgel,L.E. 3671
Orian,J.M. 9046
Orosz,A. 350,3053
Orozco,E.M.,Jr 8411
Ortuno,M.J. 5973
Oser,A. 1181,8178
Osswald,M. 815
Ostrander,E.A. 213
Ostrander,M. 4735
Otaka,E. 6223
Otsuka,K. 5695
Otsuka,M. 10916
Ottolenghi,S. 4299,7783
Ötvös,L. 279
Oukerro,F. 2913
Oultram,J.D. 3101
Oyabayashi,K. 3578
Ozaki,L.S. 5204
Ozawa,T. 3577
Ozeki,H. 10025
Ozon,R. 2225

Pääbo,S. 9775
Pačes,V. 11521
Padgett,R.W. 739
Pagnier,J. 4927
Pal Singh,S. 3919
Palevsky,P.M. 1622

Pálfi,Z. 5407
Pallás,V. 9864
Palm,P. 1,2445
Palmer,A. 2885
Palmer,E. 11355
Palmer,J.D. 3787
Palmer,S. 3497
Palmieri,M. 5491
Pals,G. 9372
Pan,F.-M. 9350
Pan,T. 7061
Pan,Z. 8182
Panayotou,G.N. 11319
Pandolfi de Rinaldis,P.P. 5687
Pandolfo,M. 7213,11857
Pannese,M. 5379
Pannuti,A. 4227
Panyim,S. 1637
Paolella,G. 3545,4733
Papayannopoulou,T. 6057
Paris,J. 10357
Park,J. 10358
Parker,K.A. 10493
Parker,M.G. 5263,6229
Parkinson,C. 1203
Parmentier,M. 9373
Parmiani,G. 9075
Parris,W. 2765
Parsons,R.L. 11285
Pascale,E. 9233
Pascucci,A. 4227
Pashev,I.G. 4525
Pastan,I. 4957,11850
Pasternak,J.J. 10833
Pastori,R.L. 8497
Patarapotikul,J. 4331
Patel,P. 5700
Patel,Y. 364
Paterno,G.D. 10575
Paterson,B.M. 2411
Paterson,M.C. 5693,8197
Paterson,T. 11005
Patterson,D. 1646
Patton,J.C. 11378
Pau,M. 11838
Pauli,U. 953
Pavirani,A. 2742
Pawlek,B. 6649
Pawlita,M. 11840
Páy,A. 8176
Payson,R. 373,378,380,783, 4188,4742,4748,10941
Paz,V. 11368
Peacock,W.J. 3815
Pearl,L.H. 8999
Pears,C.J. 8467
Pearson,D. 7527
Pearson,M.L. 8925
Pease,R.J. 8361
Pečenka,V. 4179,11521
Pederson,K. 9761
Pedrali-Noy,G. 3907
Pelcher,L.E. 7182
Pelicci,P.-G. 4227
Pelisson,A. 9199
Pellegrino,A. 7758
Pena,S.D.J. 10394
Penswick,J. 8377
Pepe,G. 6233
Pereira,R.F. 5973
Pereira da Silva,L. 5204
Perelroyzen,M.P. 4693
Pérez-Martin,J. 9113
Perez-Mutul,J. 6085
Perez-Stable,C. 7975
Pericak-Vance,M.A. 9063
Périès,J. 767,7725,9557
Perkins,B.K. 10733
Perkins,E.J. 7200
Perricaudet,M. 2859
Perrino,F.W. 199
Perry,C.A. 10593
Perryman,M.B. 8744
Persuy,M.-A. 8603
Pesole,G. 1681,1715
Petersen,G.B. 352,2721,2722
Petersen,K.B. 352,10387
Peterson,C.L. 3239
Peterson,M.G. 8186,10915
Petkovich,M. 6252
Petro,M.E. 1214
Petrukhin,K.E. 5698
Pettine,L.F. 3584
Petty,I.T.D. 8738
Pfanne,K. 1625
Pfeiffer,P. 907
Phalen,T. 2360
Philippe,C. 2825
Philippe,M. 10357
Philipps,G. 1295
Philipsen,J.N.J. 9663
Philipson,L. 2431
Phillips,E. 11811
Piatyszek,M.A. 2565
Picard,G. 8817
Picat,C. 3102
Pictet,R. 7204
Piekarowicz,A. 5957,9868
Piel,N. 5631
Pieler,T. 8803
Pierotti,M.A. 7753,9062
Pietras,D.F. 6225
Piette,J. 9961
Piétu,G. 2742
Pillay,D.T.N. 10372
Pillidge,C.J. 3111
Pine,D.S. 3359
Pine,R. 1371
Pingoud,A. 11781
Piñol,J. 2736
Pinset,C. 1251
Piper,P.W. 1333
Pisan,B. 8377
Pistello,M. 11853
Pitha,P.M. 6067
Pitot,H.C. 10921
Pitts,E.G. 11376
Pizon,V. 7719
Planck,S.R. 11663
Planta,R.J. 4724,7917
Plasterk,R.H.A. 6234
Plastow,G.S. 11842
Pleij,C. 1931
Pletnev,A.G. 7750
Pochet,S. 1619
Pohl,T.M. 9185
Poiesz,B.J. 4165
Polesky,H.F. 1215
Polisson,C. 5205,9872,10365
Polvino-Bodnar,M. 3415
Pommier,Y. 11157
Pon,R.T. 665
Poncz,M. 7216,11223
Ponder,B.A.J. 1645,9068
Pont,G. 8817
Pontarotti,P. 6767
Ponton,A. 10575
Poole,S.J. 6637
Porteous,D.J. 51
Porter,G.L. 10131
Portugal,J. 2489,3655
Pósfai,G. 6245
Pospelov,V.A. 8555
Possee,R.D. 3635
Postma,J.P.M. 10237
Poteet,C. 10932
Potter,S.S. 3359,6147
Poustka,A. 9185
Powell,K.F.H. 763
Powell,L.M. 8361
Powell,S. 8233
Pozzi,M.R. 7753
Pragai,B. 1624
Prakash,L. 7119
Pratt,G. 3497
Praznovszky,T. 10013
Prescott,D.M. 6953
Presnell,S.R. 1693
Prévost,J. 10547
Prilipov,A.G. 2334,10361
Printz,C. 10367
Projan,S.J. 2179
Pronk,J.C. 4724
Propping,P. 9078
Prosser,H. 9761
Prost,E. 6248
Protopopova,M.V. 9855
Pruijn,G.J.M. 3693
Puchta,H. 2730,4197, 8171,8708
Puigdoménech,P. 11834
Pulford,S. 10385
Pulitzer,J.F. 8847,8869
Pulleyblank,D.E. 5473
Pullinger,C.R. 8361
Pullman,B. 3061

Purohit,S.K. 11377
Pustell,J.M. 1813
Puyet,A. 115
Pyle,L.E. 2263,6015,6027

Quagliariello,C. 6233

Raassina,M. 349
Rabbitts,P.H. 9067
Rabourdin-Combe,C. 7180
Rada,R. 1667
Radding,C.R. 8157
Radice,P. 7753,9062
Radtke,J. 11839
Raeymaekers,P. 2738,8196
Rafalski,J.A. 11376
Rafti,F. 4915
Ragnini,A. 8433
Ragsdale,C.W. 6127
Raimondi,E. 9061
Raines,C.A. 7931
Rairkar,A. 3113
Raj,N.B.K. 6067
Rajchel,A. 2347
Rajewsky,K. 354
Rajput,B. 7527
Rak,B. 1623,6789
Raleigh,E.A. 1563
Ramachandran,C. 2355
Ramakrishna,N. 1647
Ramalho-Ortigao,F. 7763
Ramirez,F. 5225
Ramirez,L. 7827
Ramm,K. 2730,4197,8171,8708
Ramsay,A. 6250
Ramsing,N.B. 6659
Ranier,J.E. 11141
Rao,B.S. 8077
Rao,K.K. 629
Rapiejko,P.J. 8721
Rappaport,E.F. 7216,11223
Rappaport,H. 7253
Rappold,G.A. 5361
Rasheed,B.K.A. 5202
Rathjen,P.D. 5439
Ratliff,R.L. 719
Ratsep,P.C. 8645
Rattner,J.B. 5915,11645
Raué,H.A. 7917
Ravel-Chapuis,P. 4801
Ravnikar,P.D. 3586
Ray,A. 7741
Ray,B.K. 7741
Ray,D.S. 413
Ray,K. 2361,7211
Rayner,B. 833
Razin,S. 61
Razin,S.V. 3617
Razina,M.V. 3617
Rechler,M.M. 9979
Recker,D. 4967
Reckwerth,A. 2741
Reddy,A.P. 5557
Reddy,C.C. 5557
Reddy,P.S. 5557
Reeder,R.H. 10657
Reeders,S. 9065
Rees,D.J.G. 2601
Reeve,H.K. 4161
Reeve,J.N. 135
Reff,M.E. 8977
Regensburger,A. 2344
Regier,D. 10453
Regnier,P. 10803
Rehder,K. Jr 10593
Rehfuss,R.P. 1359,11125
Reich,N. 1371
Reichardt,J.K.V. 9017
Reid,G.A. 1212,6236
Reid,M.S. 1649
Rein,D.C. 6447
Rein,T. 4721,8711
Reiter,W.-D. 1,2445
Reith,A.D. 1563
Reitsma,P.H. 11849
Remack,J.S. 6779
Rentier-Delrue,F. 8726
Requena,J.M. 1393
Reske,K. 11822
Retèl,J. 8147
Retter,M.W. 9867
Reuter,M. 3997
Revel,H. 1563
Reverdatto,S.V. 5685,5[illegible]6
Revie,D. 10301
Reynes,J.P. 9337
Reynolds,C.A. 1125
Reynolds,R.L. 7885
Reynolds,W.F. 3391
Rezaian,M.A. 849
Ricca,G.A. 7201
Ricci,S. 5863
Riccio,A. 2805
Rich,D.C. 8740
Richards,K. 9917
Richards,R.I. 10918
Richardson,S.M.H. 6607
Richaud,C. 10367
Richenberg,J.L. 3655
Richter,A. 10119
Richter,S. 3175
Ricksten,A. 8391
Rickwood,D. 10861
Ridoux,J.-P. 5621
Ridsdale,J.A. 5915
Rieul,C. 5689
Rigby,P.W.J. 1563,11417
Riley,J. 8233
Ringold,G. 7001
Rinke,J. 10985
Ritter,D.G. 1620
Ritter,G.D. 11759
Ritthaler,W. 6246
Riva,S. 3751
Rizzo,S. 11853
Robakis,N.K. 1647
Robb,F.T. 9125
Robb,S.M. 9125
Robbiati,F. 10699
Robbins,A.H. 8746,8747
Robbins,D.J. 2943
Roberds,S. 10932
Robert,B. 10037
Roberts,A.B. 8730
Roberts,M. 1216,1218
Roberts,R. 8744
Robertson,G.R. 11303
Robertson,H.D. 1577
Robertson,S. 8361
Robins,D.M. 6857
Robins,R.K. 8645
Robledo,R. 2737
Rocco,V. 8869
Rochefort,H. 1903
Rochon,D'A. 7303
Rodriguez,H. 10383
Roelen,H.C.P.F. 2987,7633
Roesler,K.R. 7192
Rogers,D. 365
Rogers,J. 1633
Rogers,S.G. 4483,7043,10511
Rogge,L. 4419
Rogstad,S.H. 11377
Rohde,W. 7185
Rohdewohld,H. 9995
Rohleder,A.M. 10593
Rollo,F. 3105
Romaniuk,P.J. 2295
Romano,D. 11769
Romanos,M.A. 7333
Romby,P. 2295
Rommerskirch,W. 941
Ronchi,A. 7783
Roninson,I.B. 10366
Roode,D. 1857
Rooney,R.J. 2509
Roques,B.P. 1063
Rose,A.M. 5991
Rose,K.M. 8742
Rose,R.E. 355,356,358,7191
Rosen,J.M. 1027
Rosen,N.L. 8718
Rosenberg,M. 1423,8977
Rosenthal,A. 1631,2203
Roses,A.D. 7209,9063,9072
Rosette,C. 11836
Rosner,G.L. 1649
Ross,A.M. 1801
Ross,D.A. 7752
Rossau,R. 6227
Roth,D. 4569
Roth,W.K. 1181
Rothenberg,J.M. 7197
Rothman-Denes,L.B. 1011
Rotwein,P. 4437
Rousault,T.A. 629

Rougee,M. 1095
Rouger,P. 7759
Rouleau,G.A. 1646,11848
Rousseau,J. 5427
Roux,E. 1199
Roy,G. 768
Roy,K.L. 1207
Roy,P. 1620,2725,11759
Roy,P.H. 7184
Royce,M.E. 8509
Rozanov,M.N. 10929
Rubin,C.M. 8741
Rubino,H.M. 3113
Ruchirawat,M. 3327
Rudersdorf,R. 4637
Rueter,T. 2718
Ruf,M. 5741
Running,J.A. 4937
Rushlow,K. 367
Russanova,V.R. 4525
Russell,W.C. 8277
Russev,G. 10397
Russo,T. 4728
Ruth,J.L. 6235
Rutter,W.J. 11837
Ruttledge,M. 9044
Ryan,T. 5569
Ryffel,G.U. 647,3165
Rymo,L. 8391

Sacco,M. 8847
Saccone,C. 6233
Sachs,M.M. 3815
Sadlock,J. 9351
Saffran,W.A. 7221
Sági,J. 279
Said,B. 10529
Saida,K. 3581
Saiki,R.K. 7351
Saison-Behmoaras,T. 11431
Saito,H. 7729
Saito,S. 11850
Saito,Y. 5695
Saitoh-Kodama,Y. 7716
Sakai,H. 3578,7732,8665
Sakaki,Y. 9177
Sakamoto,H. 3157
Sakamoto,S. 2149
Sakata,T. 11818
Sakmann,B. 10920
Sakmar,T.P. 6361
Sakurai,H. 7717
Sala-Trepat,J.M. 2749
Salamini,F. 7185
Salas,M. 5727,5895
Salier,J.P. 2744,11852
Salinas,J. 4269
Salmond,C. 3919
Saluz,H. 1202,3582
Salvatore,F. 4733
Salvi,R. 3105
Sam,M. 8748
Sampei,G. 8717
Sampson,C.M. 265
Samuelson,L.C. 8261
San Segundo,B. 11834
Sañchez,H. 8179
Sanchez-Pescador,R. 1216,1218
Sandal,N.N. 9347
Sandbaken,M.G. 8712
Sanderson,B.J.S. 4157
Sandmeyer,S.B. 1499
Sands,J.F. 10803
Sanfaçon,H. 8377
Sanford,D.G. 10643
Sänger,H.L. 2730,4197, 8171,8708
Sano,T. 347
Santachiara,A.S. 9061
Santi,D.V. 703
Santillana-Hayat,M. 9557
Santoro,M. 9062
Sanz,J.L. 7827
Sargeant,L. 1225
Sargent,M. 4156
Sargent,T.D. 8728
Sarid,J. 4725
Saris,C.P. 2987
Sarkar,G. 5197,11844
Sartorio,R. 2805
Sasaki,H. 5695
Sasamoto,S. 11075
Sasarman,A. 11835
Sassano,M. 3103
Sato,C. 2363
Sato,K. 11818
Saunders,J.R. 4369
Sauvaget,I. 1729
Savoie,R. 751
Sawa,H. 3157
Sawai,S. 3589
Sax,C.M. 8057
Sayers,J.R. 791,803
Sbisa,E. 6233
Scambler,P.J. 2740,11854
Schaal,B.A. 11378
Schaefer,E.J. 8746,8747
Schaerer,E. 8180,11813,11814
Schäfer,M. 4163
Schäfer,R. 5196,9344
Schäfer,U. 4163
Schaff,D.A. 8509
Schaffer,P.A. 3415
Schaffner,W. 5771
Schalch,H. 1219
Schallenberg,J. 8113
Schartl,M. 7212
Scheidecker,D. 9917
Schell,J. 8725
Schenborn,E.T. 5827
Schepens,J. 8743
Scheraga,H.A. 8185
Scherer,S.E. 1593
Schildkraut,I. 9477
Schilperoort,R.A. 4621,10025
Schinkel,A.H. 9147
Schleifer,K.H. 2343,2344, 2345,2348,9043
Schlessinger,D. 865
Schlingensiepen,K.-H. 2333
Schloesser,M. 10441
Schmaltz,J.E. 1657
Schmelzer,C. 7383
Schmickel,R.D. 10213
Schmid,C.W. 1143
Schmid,R. 10861
Schmidt,E.R. 10381
Schmidt,F.J. 2931
Schmidt,T. 3582
Schmidt,W. 791,803
Schmitt,B. 5277
Schmitt,P. 2389
Schmitt,R. 4121
Schneid,H. 9059
Schneider,C. 2873,9878
Schneider,J.H. 10323
Schneider,M. 6237
Schnetz,K. 1623
Schnier,J. 3075
Scholl,R. 1220
Schøller,J. 769
Schon,E.A. 9351
Schonbaum,C. 3375
Schotz,M.C. 4739,9879
Schoute,F. 3255
Schray,B. 5391
Schreier,T. 4723
Schubach,W.H. 11171
Schüler,D. 1233,2369
Schuler,M.A. 7159
Schulhof,J.C. 319
Schulz,P. 6226
Schulze Beiering,M. 2741
Schümperli,D. 9399
Schuster,W. 7728,7737
Schütz,G. 1628
Schuurman,R.K.B. 2365
Schwager,C. 2203,3487
Schwartz,E. 6789,7216,11223
Schwartz,I. 7477
Schwartz,J. 4735
Schwartz,R.C. 5225,9076
Schwartz,R.J. 4159
Schwarzlose,C. 10926
Schweizer,A. 7233
Schweyen,R.J. 7383,7601
Scott,J. 8361
Scott,R.W. 487
Scott Cairns,J. 9353
Sczakiel,G. 11840
Searle,S. 9185
Sebastio,G. 3545
Secore,S.L. 9063
Sedee,N.J.A. 10225
Seed,B. 11824
Seela,F. 1631,11781

Seeman,N.C. 6803
Segrelles,C. 4009
Séguin,C. 10547
Seidl,A. 11737
Seiki,M. 6547
Seiler-Tuyns,A. 8291
Seilhamer,J.J. 9073
Sekiguchi,J. 8732
Sekiguchi,S. 8727
Sekikawa,M. 10171
Sekiya,T. 11850
Seliger,H. 7763
Selivanov,N.A. 2334,10361
Semba,K. 11057
Sen,J. 4730
Seno,M. 5201
Seok Seo,M. 3576
Septak,M. 4730
Sergeant,L. 4747,5708,9889
Servenay,M. 7725
Sesboüé,R. 2744,11852
Setlow,P. 6567
Setoguchi,M. 10373
Settasatien,C. 1637
Setterquist,R. 5215,9860
Seurinck,J. 11827
Sgaramella,V. 9061
Shabarova,Z.A. 3721
Shakhov,A.N. 3112
Shall,S. 11319
Shapiro,D.L. 179
Sharma,S. 10053
Sharon,R. 351
Sharp,N. 3497
Sharp,P.M. 8207
Sharpe,P.T. 10364
Sharples,G.J. 1541
Shaw,D.J. 1648,7751
Shaw,M.W. 4181
Sheardy,R.D. 1153
Sheehy,R. 8195
Sheehy,R.E. 7191
Sheer,E. 369
Shen,C.-K.J. 11237
Shen,C.C. 7975
Shen,C.J. 7975
Shen,L.-P. 5694
Shen,P. 8905
Shenk,T. 2247
Shi,Q.W. 2353
Shi,Y.-B. 8945
Shiang,R. 9069
Shichiri,M. 1627
Shields,D.C. 8207
Shiels,A. 9348
Shigesada,K. 7315
Shikata,E. 347
Shimada,F. 1627
Shimizu,S. 11057
Shimura,Y. 3157
Shinder,G. 2765
Shine,J.J. 7208
Shinozuka,K. 3209
Shiraishi,M. 11850
Shishido,K. 1640
Shlomai,J. 6477,6547
Shlyakhtenko,L.S. 3269
Short,J.M. 7583
Shpakovski,G.V. 10199
Shu,H.H. 770
Siculella,L. 3787
Siddique,T. 7209,9072
Sidman,K.E. 1869
Sidoli,A. 3103
Siegel,A. 7303
Siggens,K.W. 11842
Signer,E. 7739
Sijuwade,T. 8953
Sillekens,P.T.G. 8307
Silva,A. 4192
Sim,B.K.L. 1206
Simeone,A. 5379
Simoens,C.R. 6753
Simon,M.I. 7563
Simon,T. 354
Simonsen,C.C. 2235
Simpson,R.J. 9338
Simpson,S. 5323
Sinha,N.D. 2659
Sioud,M. 1379,7833
Sive,H.L. 10937
Siwek,B. 5031
Sjöberg,B.-M. 4174
Skinner,H.B. 9867
Skryabin,K.G. 10929
Skup,D. 10575
Slater,G.W. 5427
Sleat,D.E. 883,3127
Sliedregt,L.A.J.M. 4607
Sloane,D.L. 6465
Slonimski,P.P. 10359
Smaling,M.M. 7726
Smit,J. 6597
Smit,V.T.H.B.M. 7773
Smith,B. 9185,11769
Smith,B.A. 9068
Smith,C. 11769
Smith,C.A. 5345
Smith,C.L. 5698,7827,10392
Smith,D.W. 10301
Smith,H.O. 3997
Smith,J.M. 3587
Smith,M. 6232,7213,11857
Smith,M.A. 8176
Smith,M.J. 11825
Smith,M.L. 7025
Smith,P.E. 2639
Smith,R.F. 2743
Smith,R.G. 4159
Smith,S.S. 4465
Smith,T.F. 766
Smith,T.J. 1305
Smith,T.L. 1219
Smithies,O. 8887
Smits,A.M.M. 7773,10973
Smolyaninov,V.V. 10399
Smooker,P.M. 9081
Sninsky,J. 4165
Soares,N. 10386
Sobrier,M.L. 455
Söderlund,H. 11327
Sófi,J. 10013
Sogin,M.L. 7198
Sogo,J.M. 7013
Sokolova,N.I. 3721
Sole,M.J. 4737
Söll,D. 11617
Solymosy,F. 2734,5407,7179
Somerville,C. 1220
Somerville,R.L. 3586
Sommer,S. 10669
Sommer,S.S. 5197,11844
Song,Y.-H. 2718
Soprano,K.J. 8977
Sor,F. 4853
Sorge,J.A. 7583
Soria,M. 3103
Soussi,T. 11383,11384
Southern,E.M. 6725
Spaan,W.J.M. 10849
Spadari,S. 3907,6279
Spangler,E.A. 5569
Spanier,K. 1821
Specht,T. 7740
Spiegelman,G.B. 2585,4137
Spiegl,H. 2345
Spielman,R.S. 8204
Spielmann,A. 1199
Spitzer,S. 11691
Spitzner,J.R. 5533
Sporn,M.B. 8730
Spratt,B.G. 1617
Spritz,R.A. 4176,9890
Sproat,B. 2203,3487
Spudich,J.A. 6617
Spurr,N.K. 5783
Sri Widada,J. 3109
Sridhara Rao,B. 4171
Srinivas,V. 2625
St John,T. 10937
Stachelek,J.L. 4069
Stackebrandt,E. 2345,5194
Stade,K. 2369,4315
Ståhl,S. 3025
Stalder,J. 11027
Stamatoyannopoulos,G. 6057
Stambrook,P.J. 8509
Stanbridge,E.J. 1648
Stander,R. 1667
Stanford,D.R. 10593
Stanley,J. 4811
Stanway,C.A. 1333,8245
Stanway,G. 9346
Stapenhorst,D. 2741
Stapleton,P.M. 2735
Stark,M.J.R. 771

Stauber,C. 9399
Stawinski,J. 9285
Stebbins-Boaz,B. 2127
Stec,W.J. 11675
Steck,T.R. 8736
Steel,C.M. 3123
Stefani,L. 2885
Stefanovsky,V.Yu. 4525
Stefansson,K. 10931
Stegemann,J. 2203,3487
Stehelin,D. 11383
Steil,H. 7763
Stein,C.A. 3209
Stein,D.C. 5957,9868
Stein,G.S. 571,953
Stein,J.L. 571,953
Stein,P.A. 9839
Steinbauer,J. 7199
Steinbeisser,H. 3223
Steinbiss,H.-H. 8725
Steitz,J.A. 10493
Stempien,M. 4937
Stephenson,D.A. 1642
Stepinski,J. 8953
Stetter,K.O. 135
Stevenin,J. 2389
Stevens,R.D. 7189
Stevens,W.C. 7133
Stewart,A.F. 1628
Stickel,S. 7198
Stiege,C.A. 9127
Stiege,W. 2369,4315
Stiegler,G. 367
Stirpe,F. 1349
Stivaletta,L.A. 7025
Stocks,J. 11856
Stöffler,G. 815
Stokes,H.W. 9342,10924
Stollar,B.D. 10643
Stoming,T.A. 10635
Stone,S.R. 11365,11366
Stoneking,M. 5945
Stott,R.A.W. 2727
Stougaard,J. 39
Stråby,K.B. 2841
Strätling,W.H. 9870
Strauch,A.R. 10374
Strausberg,R.L. 11381,11382
Strausfeld,U. 10119
Strazewski,P. 5191,9377
Strehler,E.E. 4723
Strobel,M. 2537
Strom,C.M. 9077
Strömberg,R. 9285
Struck,J.C.R. 2719,2720, 7740,9042
Struhl,K. 7673,9253
Strunk,K. 9890
Stryer,L. 6677
Stubblefield,B.K. 7760
Stüber,K. 1821
Stubnicer,A.-C. 3102
Stucka,R. 3583,6226, 10623,10926
Studitsky,V.M. 11187
Studnicka,G.M. 4169
Stunnenberg,H.G. 2431,3141
Sturm,R.A. 8571
Stutz,E. 1199,1200
Stutz,F. 3223
Su,S. 7843
Su,Y. 10921
Subasinghe,C. 3209
Subirana,J.A. 8695
Subramani,S. 11207
Sudarickov,A. 8187
Sudol,M. 9876
Sugeta,H. 8619
Sukhatme,V.P. 8835,11855
Sullivan,D.S. 9867
Sullivan,K.M. 1079,4369
Sullivan,S.A. 11489
Sultan,C. 11851
Summers,K.M. 8740
Sundaram,T.K. 9858
Sunnerhagen,P. 3889
Sunter,G. 7043
Supakar,P.C. 8029
Surguchov,A. 8187
Surh,L.C. 9352
Surrey,S. 11223
Sutherland,G.R. 9064,9065, 9066,11389
Suthers,G.K. 11389
Suzuki,H. 3577
Suzuki,K. 2366,6223
Suzuki,K.-I. 10938
Suzuki,R. 11818
Suzuki,Y. 370
Svenson,K.L. 9879
Svetlikova,S.B. 8555
Swain,W. 4176
Swaroop,A. 8739
Sweeney,G.E. 4903
Sweet,A.M. 8745
Sweet,R.W. 1423
Sweetser,D. 1636
Swennen,D. 8726
Syha,J. 11822
Sykes,A. 11381,11382
Sylvester,J.E. 10213
Symonds,G. 2352
Symons,D. 5208
Syvänen,A.-C. 11327
Szabolcs,A. 279
Szemző,A. 279
Szulmajster,J. 7731
Szybalski,W. 6245
Szymkowiak,Ch. 7885

Tabak,H.F. 3845,6597,9147
Tachibana,K. 10368
Tada,M. 3576
Tager,J.M. 10369
Taggart,R.T. 9371,9372
Tahara,S.M. 8953
Taidi-Laskowski,B. 8157
Taillandier,E. 5621
Tajmir-Riahi,H.A. 751
Takahashi,H. 7729
Takahashi,M. 11075
Takahashi,N. 11387
Takahashi,S. 3576
Takai,S. 11387
Takano,T. 10368
Takao,M. 4447
Takebe,I. 7647
Takebe,Y. 6547
Takiguchi,M. 8789
Talbot,P.J. 10390
Talbot,S. 7736
Talmud,P.J. 8361,10393
Tam,J.W.O. 2342
Tam,M.F. 425,5557,10382
Tamaki,S. 7601
Tamkun,M. 10932
Tamura,T. 11441
Tanaka,H. 1407
Tanaka,M. 3577
Tanaka,N. 10377
Tanaka,T. 3577
Tanaka,Y. 11829,11830
Tandeau de Marsac,N. 1626
Taniguchi,K. 775
Tannich,E. 2411
Tanno,S. 4175
Tano,K. 6397
Tardif,D. 11835
Tarrago-Litvak,L. 2913
Taub,R. 8204
Tavernier,J. 1630
Tavitian,A. 1204,2717,7719
Taylor,D.E. 9056
Taylor,F.M. 2189
Taylor,J. 10948
Taylor,J.-S. 5123
Taylor,J.E. 6259,7208,7217
Taylor,L.A. 358
te Lintel Hekkert,W. 11849
Tekaia,F. 1729
Telenius,H. 9068
Telling,A. 7212
Temperley,S.M. 11047
Teng,M. 2671
Tenhunen,J. 11327
Tennyson,G. 5697
Teoule,R. 319
Teraoka,H. 11818
Terhorst,C. 5209
Terwilliger,T.C. 9027
Tesch,H. 4193
Teunissen,A.W.R.H. 9147
Teunissen,Y. 10369
Thach,R.E. 7741
Thamm,S. 3075
Thannhauser,T.W. 8185

Thelin,M. 9285
Thilly,W.G. 4157
Thivierge,J. 11607
Thomann,P.E. 7739
Thomas,C.L. 8129
Thomas,C.M. 5345
Thomas,D.C. 6447
Thomas,F. 2461
Thomas,G. 2739
Thomas,J.D. 7188
Thomas,J.J. 1657
Thomas,J.R. 865
Thomas,T. 4705
Thomm,M. 135,151
Thömmes,P. 5391
Thompson,D.V. 4621
Thompson,J.F. 9687
Thompson,J.R. 5587
Thompson,R.J. 3313
Thomson,A. 5263
Thorburn,A. 7183,10469
Thumm,W. 11737
Thunong,N.T. 5039
Thyagaraju,K. 5557
Tichauer,Y. 351
Tiedeman,A.A. 3587
Tilghman,S.M. 487
Timmerman,K.P. 425
Timmins,P.A. 8633
Tinklenberg,J.R. 6259,7217
Tinklenberg,K.J. 10948
Tinoco,I.,Jr 3559,5155
Tipping,R. 5345
Tiraby,G. 9337
Tischfield,J.A. 8509
Tobaly-Tapiero,J. 9557
Tobian,J.A. 8057
Tokino,T. 4865
Tokunaga,M. 7499
Toledo,D.L. 1209
Toman,P.D. 7201
Tomasz,J. 8645
Tomino,S. 7717
Tomita,K. 8619,9307
Tommasino,M. 5863
Toneguzzo,F. 5515
Toniolo,D. 9527
Tonosaki,Y. 8727
Töpfer,R. 8725
Torroni,A. 9061
Toschka,H.Y. 2348,7740,9042
Toth,M.I. 1624
Touchot,N. 1204
Toyoshima,K. 11057
Trach,S.O. 6309
Trainor,G.L. 11846
Tratner,I. 2749
Trautner,T.A. 6649
Travers,A.A. 11403
Trávníček,M. 4179,11521
Tremethick,D.J. 11107
Trendelenburg,M.F. 3223,8731
Tribolet,R. 7943
Triglia,T. 8186
Trinh-Rohlik,Q. 6041
Troitsky,A.V. 4155
Tröster,H. 8731
Trüeb,B. 4723
Trumbauer,M. 4159
Trus,M. 11385
Truss,M. 8113
Tsai-Morris,C.-H. 8835
Tsalkalamanidze,N.V. 4989
Tsang,T.C. 6238
Tsao,B.P. 3239
Tschudi,C. 11375
Tsipouras,P. 5225,9076
Tsonis,P.A. 7745
Tsoulfas,P. 3751
Tsuchida,N. 2363
Tsuchiya,T. 10171
Tsuda,M. 10171
Tsui,W.-C. 4178
Tsujimoto,Y. 2077
Tsurugi,K. 3573,3574,3575
Tsuruta,Y. 11818
Tsutsui,M. 8727
Tu,C.-P.D. 425,5557,8541
Tucker,P.W. 5503
Tugnoli,V. 7202
Tuite,M.F. 11845
Tungpradubkul,S. 1637
Turetskaya,R.L. 3112
Turina,O.V. 10925
Turk,V. 1759
Turmel,C. 4727,5427
Turnbull-Ross,A.D. 395
Turner,M.J. 2733
Turner,P.C. 883,3127,3471
Turner,R.C. 5700
Turton,J.F. 11367
Tyan,D. 8157

Uberbacher,E.C. 6397
Udey,J.A. 2959
Udvardy,A. 10013
Ueda,T. 4761
Uemura,H. 1407
Ueno,K. 3589
Ugarte,E. 3005
Uhde,F. 7733
Uhlén,M. 3025
Uhlenbeck,O.C. 5055,11725
Uhlhaas,S. 9078
Uhrhammer,N.A. 10949
Ulbrich,N. 2348,2719,2720
Ullrich,A. 5700
Ullu,E. 11375
Ulrich,N. 9043
Umeno,M. 6249
Umesono,K. 10025
Umezawa,A. 10368
Unteregger,G. 11839
Urbánek,P. 11521
Urdea,M.S. 1216,1218, 4937,11559
Usala,S. 7756
Usman,N. 2671
Uthayashanker,R. 3283
Utsumi,K. 3578
Utsumi,R. 7732
Uznanski,B. 6915

Vaghefi,M.M. 8645
Valdés-Hevia,M.D. 10926
Valenzuela,M.R.L. 6935
Valerio,D. 10083
Valet,G. 1181,8178
Valiejo-Roman,K.M. 4155
Valverde,J.R. 6515
van Belkum,A. 1931
van Beuzekom,A.A. 2971,5013
van Boom,J.H. 2971,2987, 4607,5013,7633
Van Broeckhoven,C. 2738,8196
van Daal,A. 7487
van de Putte,P. 4595,6228, 7703,8147
van de Sande,J.H. 4162
van de Ven,F.J.M. 5713
Van de Ven,W.J.M. 4193
van de Vorst,A. 9961
van de Zande,L. 7726
van den Berg,J. 11823
Van den Berghe,H. 3110
van den Elst,H. 2971
Van den Eynde,H. 10919
van den Hondel,C.A.M.J.J. 9052
van den Hoogen,Y.Th. 2971, 5013
van den Tol,J. 5305
van der Blick,A.M. 4841
van der Eb,A.J. 3255,10973
van der Horst,G. 3845,6597
van der Marel,G.A. 2971,2987, 4607,5013,7633
Van der Ploeg,L.H.T. 9567, 9737
van der Putten,H. 10083
Van der Salm,T. 6240
van der Vliet,P.C. 2431,3693
van Duin,M. 5305,7397
Van Etten,J.L. 9477
van Gorcom,R.F.M. 9052
van Haaren,M.J.J. 10225
van Heeswijk,W.C. 7287
van Hemert,F.J. 1621
Van Heuverswyn,H. 6227
van Heyningen,V. 51
van Kammen,A. 1967
van Kesteren van Leeuwen, A.C. 10607
van Kranen,H.J. 8173
van Kreijl,C.F. 8173
van Miltenburg,R.T. 2431

Van Montagu,M. 6753
Van Ness,B. 953
van Oost,B. 8743
van Oostrom,C.Th.M. 8173
van Ormondt,H. 3255
van Rijn,P.A. 4595
van Santen,V.L. 4176
van Solingen,P. 11823
van Steeg,H. 8173
van Tol,H. 1951,7713
van Tuinen,P. 6250,6251,8740
van Venrooij,W.J. 8307
van Wijnen,A.J. 571
van Zandvoort,P. 8743
van Zeeland,A.A. 10607
Vandenberghe,A. 2738,8196
Vankan,P. 10425
Varani,G. 3559
Varin,N. 7180
Varrone,S. 2737,7758
Varshney,U. 4162
Vashakidze,R.P. 4989
Vaslet,C.A. 11381,11382
Vassarotti,A. 6247
Vassart,G. 9373
Vassetzky,E.S.Jr, 3617
Vassilev,L. 7742,10397
Vaury,C. 9199
Vecchio,G. 9062
Veidt,I. 9917
Venegas,A. 7721,8179
Venetianer,P. 350,3053
Verde,P. 10699
Veres,G. 1593
Verlaan,P. 1931
Verly,W.G. 5031,9489
Verma,D.P.S. 11377
Vernick,K.D. 4499,6883,6973
Verrijzer,P. 2729
Verver,J. 1967
Vielmetter,W. 907
Vigilant,L. 5945
Vijg,J. 9343
Vijgenboom,E. 10183
Villani,G. 4407
Vincent,R.D. 3283,3297
Viret,J.-F. 4389
Virta,A. 349
Vissel,B. 1273,4731
Visser,B. 6240
Vissing,H. 6250,6251
Vlad,M.T. 3471
Vogel,D.W. 2719,2720,3511
Vogel,R. 8188
Vogt,T.F. 487
Volinia,S. 9185
Vollebregt,L. 7703
Vologodskii,A.V. 4693
von Allmen,J.-M. 1199,1200
von der Ahe,D. 7527
Vopper,G. 4217
Vorlíčková,M. 279
Vorozheykina,D.P. 8172
Vos,P. 1967
Vosberg,H.-P. 9947
Voss,H. 2203,3487
Vreken,P. 7917
Vuocolo,E. 4077
Vuorio,E. 349

Wada,N. 7499
Wadkins,R.M. 9707
Wagner,C. 7213
Wagner,R. 7885
Wagner,U. 3165
Wahleithner,J.A. 6897
Wahli,W. 8291
Wainscoat,J.S. 5700
Wake,S. 3124
Walbot,V. 8675
Walden,W.E. 7741
Waldman,A.S. 10249
Walker,A.P. 7209,9063,9072
Walker,G.T. 3091,3559
Walker,P. 10657
Walker,R.T. 3511
Wallace,J.C. 6191
Wallace,R.B. 8487
Wallace,S.S. 11339
Walldorf,U. 3175
Wallenburg,J.C. 768
Walliker,D. 6973
Walling,L.L. 10477
Wallis,S.C. 8361
Walls,D. 2859
Walls,J.D. 9057
Walsh,C.T. 4447
Walsh,D.A. 2355
Walter,M. 2235
Walter,M.A. 8748
Walter,P. 9431
Walters,B. 4156
Walther,C. 11319
Walther,N. 7747
Wang,A.-M. 10391
Wang,A.H.-J. 2671
Wang,C.C. 7087
Wang,D. 11369
Wang,G. 11543
Wang,L.-H. 9876
Wang,N. 5345
Wang,S.-Z. 439
Wang,T.S.-F. 7961
Wang,X.-F. 3239
Ward,B. 1359,8724
Ward,K.A. 9342,10924
Ward,M. 2339
Ward,M.E. 4053
Waring,M.J. 2489,3655
Warmerdam,P. 5305
Warner,B.D. 4937
Warren,A.C. 9060
Warren,T. 10833
Warrick,H.M. 6617
Wartell,R.M. 11531
Wasmuth,J.J. 1648,2360, 9185,11769
Wasylyk,B. 3005,6085
Wasylyk,C. 3005
Waterfield,M.D. 7753
Waterhouse,P.M. 6097
Watt,F. 1471,2335
Watts,J.W. 883,3127
Wawra,E. 5249
Waye,J.S. 2362
Weaver,E.J. 11386
Webb,J.R. 9431
Webb,P. 5263
Weber,J.L. 1206
Weber,J.M. 7195,11374
Weber,S. 471,7119
Webster,T.D. 8011,8192
Weckermann,R. 11841
Wei,D. 537
Weier,H.-U. 11836
Weih,F. 1628
Weil,J.-H. 4777,7737, 8733,10372
Weil,S.C. 1649
Weinberger,C. 7755,7756
Weiner,J.H. 6339
Weiner,M. 7216
Weiner,M.P. 8185
Weinfeld,M. 5693
Weinstock,J. 8720,9045
Weintraub,B.D. 7756
Weir,J.P. 10267
Weiss,M.J. 2361
Weiss,U. 2313
Weiss-Brummer,B. 8665
Weissman,S.M. 8739
Weist,D. 8029
Welker,D.L. 2338
Wellems,T.E. 4555
Wellink,J. 1967
Wells,J.R.E. 8571
Wells,R.D. 4511,7133
Welser,F. 1629
Welsh,J.T. 7221
Wen,X.J. 10635
Wendler,A. 803
Wenzel,R. 8323,8337
Wenzel,W. 7199
Werner,D. 8351
Wernet,W. 11365,11366
Wésolowski-Louvel,M. 8714
West,J. 1847
West,S.C. 3603
West,S.E.H. 9323
Westaway,D. 1563
Westbrook,C.A. 8741
Westerveld,A. 5305
Westin,G. 5771
Westman,E. 9285
Westneat,D.F. 4161
Weston-Fina,M. 8587

Westphal,H. 1423,8963
Weyer,U. 3635
Whalen,R.G. 6248
Whaley,W.L. 11769
Whang-Peng,J. 8541
Whisenant,E.C. 5202
White,E.M. 179,7487
White,G.A. 10817
White,J.A. 2727
White,R. 372,373,374,375,376,
377,378,379,380,381,778,
779,780,781,782,783,784,
785,786,787,1224,1225,1226,
1227,1228,1229,3115,3116,
3117,3118,3119,3120,,3121,
3122,3590,3591,3592,3593,
3594,3595,3596,3597,3598,
4185,4186,4187,4188,4189,
4190,4191,4192,4741,4742,
4743,4744,4745,4746,4747,
4748,5216,5217,5218,5219,
5220,5221,5222,5223,5701,
5702,5703,5704,5705,5706,
5707,5708,5709,6254,6255,
6256,6257,6258,7214,9354,
9355,9356,9357,9358,9359,
9360,9361,9362,9364,9365,
9366,9367,9368,9369,9370,
9881,9882,9883,9884,9885,
9886,9887,9888,9889,10400,
10401,10402,10403,10404,
10405,10406,10407,10408,
10409,10941,10942,10943,
10944,10945,10946,10947,
11390,11391,11392,
11394,11395,
Whiteley,H.R. 2723
Whitley,J.C. 6015
Whittaker,P.A. 6725
Wich,G. 151
Widmer,R.M. 7013
Wiebauer,K. 8261
Wieben,E.D. 10593
Wiener,L. 1233
Wieringa,B. 8743
Wiewiorowski,M. 685
Wiggs,J. 9069
Wilchek,M. 7197
Wilcox,K.W. 555
Wild,F. 11821
Wildeman,A.G. 2553
Wilkie,N.M. 359,7736
Wilkinson,M. 10933,10934
Willard,C.R. 1143
Willard,H.F. 2362
Wille,W. 4217
Williams,D.P. 10453
Williams,G.T. 6713
Williams,J.G. 8467
Williams,K.L. 4891,10914
Williams,L.D. 11607
Williams,W.L. 10733
Williamson,J.R. 1529
Willis,R.C. 8645
Willmitzer,L. 9877
Willson,T.A. 11819,11820
Wilms,E. 7917
Wilson,A.C. 5945,9775
Wilson,C.C. 385,4751,5229
Wilson,D.W. 8097
Wilson,J.H. 2313
Wilson,L.J. 2339
Wilson,P.W. 1633
Wilson,R.H. 7726
Wilson,S.H. 9587
Wilson,T.M.A. 883,3127
Wilson,V. 10953
Wilson,W.D. 5137
Wingender,E. 1879
Winicov,I. 593
Winnacker,E.-L. 4419
Winslow,G. 8129
Winter,A.J. 3845,6597,10109
Winter,E. 10939
Winterhalter,K.H. 4723
Wintz,H. 10372
Wippler,J. 6987
Wise,J.A. 10131
Wisniewski,H.M. 1647
Witkowski,C.M. 8740
Wittbrodt,J. 7212
Witzemann,V. 10920
Wolf,C.R. 5783
Wolf,D. 7757
Wolf,K. 1629
Wolfe,K.H. 8207
Wolfes,H. 11781
Wolff,E. 9885
Wolff,R. 1206
Wolk,C.P. 7405
Wolstenholme,D.R. 6897
Wong,A.K.C. 11645
Wong,E. 1143
Wong,W.M. 2342
Wood,S.G. 7843
Wood,T. 10817
Woodcock,D.M. 4465
Woodland,H.R. 3471
Wool,I.G. 2347,11368
Woolf,T. 3863
Woolford,J.L. 5587
Woolston,S. 11380
Woppmann,A. 10985
Wraight,C. 11819
Wright,C.V.E. 9058
Wright,F. 8207
Wright,G. 5107
Wright,J.F. 9081
Wright,K.L. 571
Wu,H.-N. 5055
Wu,J. 11855
Wu,J.C. 703
Wu,Q.Y. 1208
Wu,R. 7749,10384
Wu,T. 7061
Wu,T.-W. 2353
Wu,Y. 1647
Wyllie,F.S. 5224
Wynford-Thomas,D. 5224

Xia,Y. 7184,9477
Xiang,K. 3599
Xiao,X. 3375
Xie,Y. 7749
Xin,W. 2015
Xing,Y.Y. 8497
Xiong,Y. 10561
Xiong,Z. 8587
Xu,Y.-C. 4722

Yacoob,R.K. 1639
Yague,J. 11355
Yamada,T. 370,9865
Yamada,Y. 8742,10025
Yamagata,Y. 9307
Yamaguchi,M. 8773
Yamaguchi,S. 2725
Yamaki,H. 5067
Yamamoto,A. 7647
Yamamoto,N. 11829,11830
Yamamoto,S. 10373
Yamamoto,T. 11057
Yamanashi,Y. 11057
Yamano,Y. 3578
Yamaoka,L.H. 7209,9063,9072
Yamashina,I. 10377
Yamin,T. 7061
Yamshchikov,V.F. 7750
Yanagida,F. 10938
Yang,M. 10383
Yang,R.C.A. 7187
Yang,Y.-W. 3588,11373
Yasuda,H. 6531
Yasui,A. 4447
Yasui,H. 9497
Yato,M. 3578
Ye,W. 8188
Yee,T.W. 10301
Yepiz-Plascencia,G.M. 9340
Yesavage,J.A. 6259,7217
Yeung,A.T. 4539
Yin,X.-M. 5503
Yoda,K. 6531
Yoder,O.C. 9875
Yokogoshi,Y. 11850
Yokota,T. 6547
Yoneyama,Y. 10363
Yoshida,M. 6547,10916
Yoshida,M.C. 2363,11387
Yoshida,S. 10373
Yoshimoto,K. 11850
Young,D. 5213
Young,D.B. 1636
Young,E.T. 10153
Young,H.A. 2149
Young,M.F. 9076

Young,R.A. 1636
Youngman,S. 1648
Yu,S. 1423
Yu,Y. 1620
Yuan,R. 5957,9868
Yudelevich,A. 7721
Yull,F.E. 7013

Zabarovsky,E.R. 10925
Zabin,H.B. 9027
Zacharias,W. 3977,6915
Zachau,H.G. 3693,6241,6242,
6243,7190
Zagorski,J. 5587
Zahler,A.M. 6953
Zahn,R. 4156
Zahraoui,A. 1204
Zaitseva,G.N. 4177
Zanatta,N. 2323
Zanolin,E. 3907
Zarlengo,R.P. 425
Zaror,I. 7721
Zassenhaus,H.P. 3283,3297
Zavodny,P.J. 1214
Zavou,S. 10386
Zealey,G.R. 1639
Zehetner,G. 9185,11769
Zehner,Z.E. 8057
Zeman,N.W. 5203
Zengel,J.M. 8905
Zerah,V. 5459
Zhang,D. 8029
Zhang,F. 2739
Zhang,H. 1220
Zhang,J. 6265
Zhang,X.-Y. 8029
Zhao,Y.-H. 9876
Zhou,X. 4341
Zhu,J. 6373
Zhu,Y.F. 5691
Zielenkiewicz,A. 685
Zielenkiewicz,W. 685
Ziemiecki,A. 10356
Zillig,W. 1,2445
Zimmer,F.-J. 6241
Zimmer,M. 9185,11769
Zimmerman,S.B. 6309
Zimmermann,R.A. 8129
Zischler,H. 5196,9344
Zmudzka,B.Z. 9587
Zoghbi,H.Y. 1650
Zolotarev,A.S. 8737
Zon,G. 5137
Zona,M. 3283
Zourgui,L. 2913
Zucker,K.E. 8497
Zucker-Aprison,E. 7188
Zuo,E.T. 5137
Zurita,M. 7001
Zwieb,C. 9431

Subject index

Acetylcholine receptor,
ε-subunit, nucleotide sequence, muscle, rat 10920
Acinetobacter calcoaceticus,
quinoprotein glucose dehydrogenase genes, nucleotide sequence 6228
Actin,
genes, *Thermomyces lanuginosus*, isolation/sequence 2553
genes, *Xenopus laevis*, skeletal muscle, expression, embryos/oocytes 3223
α-actin,
cDNA, nucleotide sequence, vascular smooth muscle, rat 4167
cDNA, nucleotide sequence, vascular smooth muscle, mouse 10374
β-actin,
genes, down-regulation, chicken 2787
Actinomycin D,
deoxyribonuclease I cleavage enhancement, mechanism 11125
Acyl CoA oxidase,
genes, *Candida maltosa*, nucleotide sequence 365
Adenocarcinomas,
pancreas, KRAS oncogenes, codon 12 mutations 7773
Adenosine deaminase,
genes, expression, post-transcriptional regulation 3255
genes, promoter, activity, transgenic mice 10083
Adenosine diphosphoribosyl transferase,
role—donor DNA integration, mammalian cells genome 11319
Adenosine phosphoribosyltransferase,
genes, promoter, characterization, mouse 8509
Adenovirus,
DNA polymerase/precursor terminal protein, overexpression, recombinant vaccinia virus 2431
DNA, control region, bending 2346
major late promoter, MLTF binding, HMG 1/HMG 2 effects on 1471
major late promoter, transcriptional stimulation 3771
premRNA, E1A, splicing *in vitro* 2389
tripartite leader, role—non-adenovirus mRNA metabolism, infected cells 2247
Adenovirus 2,
DNA, /major late promoter/uv-crosslinking, affinity labelling 519
RNAI VA, synthesis, SP6 system 1624
Adenovirus E1A,
effects on stromelysin genes expression 10973
Adenovirus type 3,
protease, nucleotide sequence 11374
Adenovirus type 12,
protease, primary structure 7195
β_1 adrenergic receptor,
genes, RFLPs 7754
Aeromonas hydrophila,
*arg*T operon, nucleotide sequence 10936
Affinity chromatography,
oligodeoxyribonucleotide affinity columns, synthesis 6232
Agrobacterium tumefaciens,
T-DNA, border repeats, bidirectional transfer 10225
plasmid pTiA6/plasmid pTiC58, Vir box sequences 8736
plasmid Ti, *virB* operon, nucleotide sequence 4621
plasmid Ti, T-DNA, right-hand border regions, recognition 7647
transformation, competent cells, storage 9877
Aipysurus laevis,
phospholipase A2, amino acid sequence/cDNA nucleotide sequence 9048
Albumin,
cDNA, nucleotide sequence, liver, pig 9045
genes, methylation patterns, hepatic/non-hepatic tissues, rat 2749
genes, promoter—regulation, rat 11573
Alcaligenes eutrophus,
plasmid pJP4, chlorocatechol degradative operon, nucleotide sequence 7200
Alcohol dehydrogenase 1,
Hordeum vulgare, cDNA, nucleotide sequence 7182
Aldolase C,
genes, nucelotide sequence, human 4733
Algae,
Chlorella-like, NYs-1 virus infection, endonuclease induction 9477
***O*^{6}-alkylguanine-DNA alkyltransferase,**
complexes—oligodeoxynucleotides, formation 6779
Alzheimer's disease,
amyloid peptide, genes, RFLPs 1647
β-amyloid genes, dosage 357
Amidophosphoribosyltransferase,
genes, *Escherichia coli*, nucleotide sequence 8717
9-aminoacridine,
derivatives, DNA photocleavage 3877
Aminoacyl-tRNA synthetase,
tRNA adaptation, role—N49-N65 7194
2-aminopurine nucleosides,
protected, synthesis/incorporation 5631
cAMP receptor protein,
recognition sequence, effects on transcription 7315
Amylase,
genes, *Bacillus megaterium*, nucleotide sequence 5203
genes, functional copies, human 8261
genes, pancreas, human 4724
α-amylase,
genes, *Bacillus subtilis*, nucleotide sequence 7178
Amyloid beta protein,
genes, RFLPs, 21q11.2−21q21 6259
genes, RFLPs, 21q11.2−21q21 7217
Amyloid β precursor protein,
cDNA, primary translation product 9351
β-amyloid,
genes, dosage, Alzheimer's disease 357
Anacystis nidulans,
photolyase genes, cloning/characterization 4447
Anthracyclines,
bacteriophage T4 DNA ligase inhibition/effects on DNA tertiary structure 3907
Anthranilate synthase,
Hansenula polymorpha, component II 6236

Antibodies,
recombinant, construction, enhancer-constitutive vectors 354
Antigens,
Epstein–Barr virus, nuclear 4353
Mycobacterium tuberculosis, homology—heat shock proteins, *Coxiella burnetii/Escherichia coli* 9047
α_1-antitrypsin,
deficiency, detection 352
deficiency, diagnosis, DNA amplification/fingerprinting 8233
Antitumour agents,
m-AMSA, binding—nucleic acids 9707
Aphidicolin,
derivatives, inhibition—DNA polymerase α 5107
Apocytochrome b,
genes, *Neurospora*, self-splicing intron 1125
Apolipoprotein A-I,
genes, enhancer-like element, identification, rat 7061
Apolipoprotein B,
genes, probe, rabbit 8187
mutants, hypobetalipoproteinaemia 8361
***Aquaspirillum serpens*,**
*Ase*I 10365
***Arabidopsis thaliana*,**
AHAS genes, expression, *Nicotiana tabacum* 10765
*atp*E/*trn*M genes, nucleotide sequence 10372
DNA, repetitive sequences, characterization 6753
snRNA U5 genes, structure/expression 10425
Archaebacteria,
methyl CoM reductase genes, intergenic regions, sequence 7419
Arginase,
genes, structure/promoter, liver, human 8789
Argininosuccinate synthetase,
cDNA, nucleotide sequence, rat 9352
***Artemia*,**
mtDNA, genome organization 6515
***Arthrobacter*,**
rRNA 5S, nucleotide sequence 7716
ARV,
RNA, structure/stability 5153
***Ascaphus truei*,**
rDNA, intergenic spacer, organization/sequence 10917
***Ascaris lumbricoides*,**
DNA, repetitive family, homology—*Panagrellus silusiae* 10833
L-asparaginase,
genes, *Erwinia chrysanthemi*, sequence 10385
Aspartyl tRNA synthase,
genes, sequence polymorphisms, yeast 1212
***Aspergillus nidulans*,**
expression analysis vectors 9052
***Aspergillus niger*,**
*pyr*G genes, sequence 2339
Ataxia-telangiectasia,
DNA topoisomerase II activity 3919
ATPase,
cDNA, *Cochliobolus heterostrophus*, subunit 6, nucleotide sequence 9875
ATPase IV,
DNA-dependent, purification/characterization, Novikoff hepatoma, rat 6447
F_1-ATPase,
Nicotiana plumbaginifolia, αsubunit genes, sequence 6247
***Autographa californica*,**
nuclear polyhedrosis virus, p10 genes, 5′ leader sequence, functional analysis 3635
Avian influenza virus,
haemagglutinin genes, cDNA, nucleotide sequence 4181
Azido-9-acridinylamines,
DNA photocleavage/photofootprinting 5755
***Azorhizobium caulinodans*,**
*nif*A genes, upstream-activating sequences/anaerobox 9839
***Azotobacter vinelandii*,**
nif genes, fragment, sequence 1207
*nif*E genes, nucleotide sequence, revision 5214

***Bacillus cereus*,**
*Bce*fI, identification/characterization 3053
sphingomyelinase genes, nucleotide sequence 10370
***Bacillus circulans*,**
xylanase genes, nucleotide sequence 7187
***Bacillus licheniformis*,**
bla genes, protein P20 5691
***Bacillus megaterium*,**
amylase genes, nucleotide sequence 5203
*Bme*142I, isolation/properties 10399
plasmid pAC3, stable shuttle 8732
***Bacillus sphaericus*,**
larvicidal toxin genes, amino acid/nucleotide sequence 7731
toxin genes, nucleotide sequence 4168
***Bacillus stearothermophilus*,**
*Bst*I, isolation/characterization 5205
ribosomes, rRNA 5S incorporation *in vitro* 3511
***Bacillus subtilis*,**
α-amylase genes, nucleotide sequence 7178
chloramphenicol acetyltransferase genes, plasmid pC194-encoded, S1 mapping 1618
genes, codon usage, within-species diversity 8207
plasmid pAC3, stable shuttle 8732
plasmid pUB110, replication origin, functional analysis 9127
plasmid pUBIII, replication 4389
plasmids pC223/pUB112 replication, control 2045
scRNA, relationship—*Escherichia coli* RNA 4.5S 2719
scRNA genes 2720
spore proteins genes, expression, feedback regulation 6567
***Bacillus thuringiensis*,**
crystal protein genes, nucleotide sequence 2723
delta-endotoxin genes, nucleotide sequence 1637

pG12 plasmids—Tn*4430*-containing, nucleotide sequence 11827
phospholipase C, phosphatidylinositol-specific, genes isolation/amino acid sequence 10383
***Bacillus thuringiensis aizawai*,**
entomocidal proteins genes, nucleotide sequence 10927
***Bacillus thuringiensis* subsp. entomocidus,**
toxin genes, nucleotide sequence 6240
Bacteria,
transformation, competent cells, preparation/storage, rapid method 3580
Bacteriophage,
expression vector, λgt22S—cDNA, directional cloning, SfiI 11837
λgt11 libraries, cDNA, amplification 8718
Bacteriophage f1,
V genes, temperature-sensitive variants, selection 9027
Bacteriophage fr,
coat protein−RNA interactions, comparison 5055
Bacteriophage M13,
DNA, C/G−G/C transversions, induction—^{60}Co γ-rays 8147
oligonucleotide-directed mutant, screening 5193
use—DNA fingerprinting 10394
Bacteriophage Mu,
N/P genes, sequence 5211
repressors, transcription, regulation—integration host factor, *Escherichia coli* 4595
Bacteriophage N4,
RNA polymerase, DNA-dependent, initiation sequences 1011
Bacteriophage P7,
cin genes, nucleotide sequence 6246
Bacteriophage PRD1,
DNA-terminal protein, evolutionary relationship—poliovirus VPg proteins 4180
Bacteriophage R17,
coat protein−RNA interactions, comparison 5055
Bacteriophage SP,
nucleotide sequence 6205
Bacteriophage SP6,
mRNA, chimaeric, translation/transcription *in vitro* 4483
Bacteriophage T2,
gene 32, mRNA, nucleotide sequence 9341
Bacteriophage T4,
12 genes, amino acid/nucleotide sequence 2334
DNA ligase, inhibition—anthracyclines 3907
DNA polymerase, conserved epitope 6353
endonuclease V, mechanism of action, AP sites 1135
gene 25, sequence 9862
uvsY genes, reading frame 7729
wac genes, amino acid/nucleotide sequence 10361
Bacteriophage T5,
DNA, nucleotide sequence 6230
genes, D10−D15, nucleotide sequence 10353
Bacteriophage T6,
gene 32, mRNA, nucleotide sequence 9341
Bacteriophage T7,
promoters, footprinting/expression *in vivo* 4511
RNA, phosphorothioate-substituted substrates, synthesis/purification/RNase III cleavage 1577
Bacteriophage λ,
clones, restriction fragments, subclone contiguity, determination, polymerase chain reaction 10931
DNA replication, initiation, role—template superhelicity 9611
DNA replication, RNA-primed initiation sites 6531
DNA, isolation, micro-/macro-variants 10925
DNA, minipreparations 9044
DNA, recombination 6839
recombinant clones, mapping 1198
vectors, EMBL3 *cos* 6725
Bacteriophage λEMBL3,
cloning, recombinant suppression 8731
Bacteriophage λplac5,
DNA, primary structure 10199
Bacteriophage μ,
transposase, autoregulation 11285
Bacteriophage φ 29,
DNA, replication, origins 5895
terminal proteins, site-directed mutagenesis 5727
Bacteriophage φ 80,
major coat protein genes, nucleotide sequence 764
Bacteriophage φ X174,
DNA, replicative form, replication/mutagenesis, palindromes effects on 10733
Barley,
*psb*A genes, sequence/transcript map 8184
Barley yellow dwarf virus,
RNA, sequence/organization 6097
Basic fibroblast growth factor,
cDNA, nucleotide sequence, rat 5201
Batroxobin,
genes, nucleotide sequence 10377
Beet western yellows virus,
RNA, nucleotide sequence 9917
Bipolar affective disorder,
insulin/tyrosine hydroxylase, genes, linkage, chromosome II 4437
Birnavirus,
RNA polymerase, relationship—positive-strand RNA virus 7735
BK virus,
genome, cloning/enhancer/regulatory region, human strain 9057
Bleomycin,
effects on DNA conformation 2063
Bluetongue virus,
polymerase gene—sequence homology 11759
VP2 genes, nucleotide sequence 2725
***Bombyx mori*,**
insertion elements R1Bm/R2Bm 10561
sex-specific storage protein genes, nucleotide sequence 7717
***Bradyrhizobium japonicum*,**
NifA proteins, essential domains 2207

Brain,
mtDNA, sequence, ancient Native Americans 9775
***Brassica napus*,**
ribulose bisphosphate carboxylase–oxygenase, cDNA, nucleotide sequence 4732
***Brevibacterium helvolum*,**
rRNA 5S, nucleotide sequence 7716
***Brevibacterium lactofermentum*,**
threonine synthase genes, nucleotide sequence 9859
Broad bean,
snRNA U4, sequence variants/base pairing—snRNA U6 5407
***Bufo marinus*,**
genome, mitochondria, characterization 1622
Burkitt lymphoma,
chromosome 2 breakpoint, location 6242

***Caenorhabditis*,**
transposable elements, sequence identity—*Drosophila* 5991
mRNA, *trans*-splicing 5692
***Caenorhabditis elegans*,**
DNA, repetitive family, characterization 8213
snRNA, U4/U6 base pairing 7188
transposons, relationship—*Drosophila melanogaster* 6234
***Calothrix*,**
phycocyanin genes, nucleotide sequence 1626
***Candida albicans*,**
DNA, non-germinative variants 765
***Candida maltosa*,**
acyl CoA oxidase genes, nucleotide sequence 365
***Capra hircus*,**
growth hormone, cDNA, nucleotide sequence 3578
α_{S1}-casein,
cDNA, sequence, rabbit 11813
β-casein,
cDNA, rabbit, sequence comparison 11814
genes, rat, tissue-specific expression—mouse 1027
Cassava latent virus,
DNA 2, essential genes 4811
pro-cathepsin-D,
mRNA, induction—oestrogens/growth factors, breast cancer cells 1903
Caulimovirus,
RNA, leader sequences, secondary structure/open reading frames 8377
Cell lines,
MTX5, HSV-1 Vmw65 protein-expressing, construction 4735
γ chain,
cDNA clone pLRγ34.3, nucleotide sequence, rat 11822
Chicken,
c-myb genes—promoter region, sequence, evolutionarily conserved element 11521
***Chlamydia trachomatis*,**
plasmid pLGV440, nucleotide sequence/replication origin 4053

***Chlamydomonas*,**
chloroplast promoter, repression, *Escherichia coli* integration host factor 3313
***Chlamydomonas reinhardtii*,**
NADH dehydrogenase subunit 6/tRNA^{Trp} genes, nucleotide sequence 11373
Chloramphenicol acetyl transferase,
genes, constructs, Bluescript 7745
genes, plasmid pC194-encoded, S1 mapping, *Bacillus subtilis* 1618
***Chlorella ellipsoidea*,**
rRNA 16S genes, nucleotide sequence, chloroplast 9865
***Chlorella saccharophila*,**
RNA U1, structure 2734
Chloroplast,
barley, *psb*A genes, nucleotide sequence 5685
barley, *psb*D genes, nucleotide sequence 5686
Chlamydomonas, promoter, repression, *Escherichia coli* integration host factor 3313
Chlorella ellipsoidea, rRNA 16S genes, nucleotide sequence 9865
DNA, replication *in vitro* 5603
Euglena gracilis, rRNA 23S genes, nucleotide sequence 9340
Euglena gracilis, tRNA^{Pro}/tRNA^{Ser} genes, nucleotide sequence 9866
foreign proteins targeting, pJ1T117 expression cassette 11380
Marchantia polymorpha, *rps*12 genes, nicked group II intron/*trans*-splicing 10025
Oenothera, tRNA^{Trp}/tRNA^{Pro} genes, sequence comparison—mitochondria 7737
Pennisetum americanum, tRNA^{Ile} genes, sequence 4734
rye, *psb*B/*psb*H genes, nucleotide sequence 8737
soybean, *rps*19 genes, nucleotide sequence 1199
soybean, rRNA 16S/tRNA^{val} genes, nucleotide sequence 1200
spinach, RNA polymerase, recognition—prokaryote transcription terminators 8411
spinach, *rpl*2/*rpl*19/*rpl*23 genes, expression 2461
Triticum aestivum, *frx* B genes, nucleotide sequence 348
wheat, fructose-1, 6-bisphosphatase, amino acid sequence/light stimulation 7931
Zea mays, RNA polymerase genes, structure/expression 5741
Chromatin,
DNA, psoralen crosslinks, analysis 7013
erythrocytes, active/inactive genes, structure, chickens 8555
erythroid-specific, association—linker histones 5915
nucleosomes, distribution, statistical analysis 6677
SV40, replication, role—topoisomerase type II 10119
Chromosome 2,
breakpoint, location, Burkitt lymphoma 6242
V_K–J_K joining reaction 6243
Chromosome 6,
L10 sequence location, myeloma MOPC41, mouse 7190

Chromosome 12,
homeoboxes, organization, human 5379
Chromosome 21,
specific sequences, expression, Down's syndrome/normal tissues 2885
Chromosome 22,
V_K genes, location, human 6241
Chromosome II,
insulin/tyrosine hydroxylase genes, linkage 4437
Chromosome III,
Saccharomyces cerevisiae, DNA replication origins 6373
Chromosomes,
acrocentric, α-satellite DNA, human 1273
Dictyostelium discoideum, transformation vector DNA insertion, pulsed field electrophoresis 4891
DNA, bacteria, purification 1639
double minute, cDNA, mouse cell line 3T6R50 4841
Escherichia coli, GATC sites, arrangement 9821
Escherichia coli, mapping, cosmid clones 2601
Giardia lamblia, trophozoites 4555
hybridization *in situ*, exonuclease III digestion 10381
Oxytricha nova, fragmentation sites, alternative use 251
Plasmodium falciparum, size polymorphism 4331
Schizosaccharomyces pombe, field inversion gel electrophoresis 4727
separation, pulsed field gel electrophoresis, computer programs 4853
telomere addition, developmental regulation, *Tetrahymena thermophila* 5569
t8;14translocation, analysis, undifferentiated lymphoma cell line, relationship-Burkitt's lymphoma 2077
X, CpG islands 9527
X, duplicated sequence, identification/mapping, human 7727
X/Y, *MiC2* genes, X inactivation/methylation, human 6813
X/Y, pseudoautosomal region, restriction mapping 5361
Cisplatin,
mutations induction, role—DNA repair enzymes, *Escherichia coli* 7703
***Clostridium pasteurianum*,**
nifH-like sequences, nucleotide sequence/transcription 439
Coagulation factor VII,
genes, minisatellite-like sequences, genome probing, human 4166
***Cochliobolus heterostrophus*,**
ATPase subunit 6, cDNA, nucleotide sequence 9875
Cockayne's syndrome,
DNA repair, UV-exposed fibroblasts 10607
Codon usage,
Pseudomonas aeruginosa 9323
Collagen,
human type II 'variant', cDNA cloning artefact 11833
Collagen type IV,
α2 chain, 3′ untranslated region, mRNA, sequence, mouse 7181
α(I)collagen,
genes, translational control 9721
pro α1(I)collagen,
genes, mRNA, mouse 773
C-propeptide domain, cDNA, nucleotide sequence, human 349
α1 (III)collagen,
promoter, genes, deletion analysis, mouse 7513
prepo α1(III)collagen,
cDNA, nucleotide sequence, human 7201
pro α1(III)collagen,
cDNA, nucleotide sequence, human 2337
Computer programs,
BACKTR/CLUSTER, amino acid sequence backtranslation 1715
BIGPROBE 1703
CAGE/GEM, large sequences, colour graphics 1657
chromosome separation, pulsed field gel electrophoresis 4853
CODFREG/SEQIN-ST 1821
DNA ligation simulation 1767
DNA Strider 1829
DYNPRO/MONTECARLO/STEMS, RNA secondary structure 1789
FASTP/FASTN, interactive computing 1813
FINGERS/OLIGOS, RNA fingerprinting 1799
FRAGMAP, restriction site maps, comparison 1779
GENALIGN 1683
MERGE, EMBL/GenBank comparison 1681
nucleic acids/proteins sequence analysis 1837
proteins, structure, graphics 1801
REGEN, genes assembly design 1759
synthetic genes, design, 1693
Computer resource,
BIONET, new developments 1857
DNA databases, proteins sequence similarities detection 6191
DNA sequence reading/analysis 1847
EMBL 1865
exon/intron sequences comparison, 2-dimensional data analysis 1729
GenBank 1861
GenBank/MEDLINE 1667
PIR 1869
PROPHET 1873
Coronavirus,
gene expression, regulation mechanism 10849
Cowpea mosaic virus,
proteins, role—polyproteins processing 1967
***Crithidia fasciculata*,**
nicking enzyme, DNA bent structures recognition 6477
***Crotalus durissus*,**
crotoxin, cDNA, cloning/sequence 9050
Crotoxin,
Crotalus durissus, cDNA, cloning/sequence 9050

***Cryptococcus albidus*,**
xylanase genes, nucleotide sequence 9874
***Cucurbita pepo*,**
rRNA 18S, tobacco mosaic virus encapsidation initiation site, characterization 7303
***Cyanophora paradoxa*,**
$tRNA^{Gly}_{GCC}$/$tRNA^{Ser}_{GGA}$ genes, nucleotide sequence, cyanelles 8733
***Cyprinus carpio*,**
prolactin, cDNA, nucleotide sequence 9350
Cystein proteinase,
genes, *Dictyostelium*, expression, role—G-rich elements 8467
***Cytochrome* c_1,**
genes, *Methylobacterium* AM1, amino acid/nucleotide sequence 7722
precursor, cDNA, nucleotide sequence, human 3577
Cytochrome *c* oxidase,
cDNA, subunit VIc, nucleotide sequence, human 10916
Cytochrome oxidase,
genes, *Zea mays*, subunit III, nucleotide sequence, mitochondria 9873
Cytochrome P450,
genes, localization/splicing, human 5783

Decadeoxyribonucleotides,
5-modified uracils—containing, synthesis/interaction—restriction endonucleases 4761
d-$[CATGGCCATG]_2$, structure/dynamics 665
Delta-endotoxin,
genes, *Bacillus thuringiensis*, nucleotide sequence 1637
Deoxycytidine,
methylation, effects on B−A transitions/DNA−RNA hybrids 3091
2′-deoxycytidine,
NMR 5191
3-deaza-2′-deoxycytidine,
NMR 5191
Deoxynucleotides,
DNA synthesis inhibition, microinjection 5249
Deoxyoligonucleotides,
synthesis, use—amide-protected nucleosides 3525
transcription factor IIIA recognition fragment, structure 3559
Deoxyribonuclease I,
actinomycin D-induced cleavage enhancement, mechanism 11125
2,6-diaminopurine,
base pairing, thermal stability 5115
***p*-diazobenzoyl-biocytin,**
DNA biotinylation 7197
***Dictyostelium*,**
chromosomes, transformation vector DNA insertion, pulsed field electrophoresis 4891
cystein proteinase genes, expression, role—G-rich elements 8467
DNA, analysis, mini-screen technique 2338
gene expression, transient assay system 2613
genes, coding preference 6617
plasmid Ddp1, D5 genes, nucleotide sequence 10914
plasmid Ddp1/vectors, maintenance/extrachromosomal replication 6825
mRNA, nucleotide sequence 4738
Dihydrofolate reductase,
minigenes, mouse, gene expression analysis 7025
Dihydrofolate reductase type I,
genes, plasmid-encoded, expression, CHO cells 2235
Dihydrothymidine,
DNA polymerase substrates 11339
Ditercalinium,
induction—abortive/futile DNA repair, *Escherichia coli* 1063
DNA,
Ade-Z-Acr incision 2691
adenovirus, control region, bending 2346
amplification *in vitro*, inverted polymerase chain reaction 8186
amplification, apparatus 3105
amplification, HIV infection detection 8191
amplification, PCR, refractory segment 11844
amplification, polymerase chain reaction, errors 10393
amplification, polymerase chain reaction, affinity-based hybrid collection 11327
amplification, structure-independent, polymerase chain reaction 9869
amplification/fingerprinting, α, -antitrypsin deficiency diagnosis 8233
amplified sequences analysis, detection-α_1-antitrypsin deficiency 352
*Apa*LI/*Spe*I cleavage, *Eco*K methylation sensitivity 5206
Arabidopsis thaliana, repetitive sequences, characterization 6753
arabinocytidine-containing fragments, preparation 2987
Ascaris lumbricoides/*Panagrellus silusiae*, repetitive family, homology 10833
automated dideoxy sequencing, use—phage T7 DNA polymerase 3487
automated sequence reading/analysis 1847
B−Z transition, oligonucleotides interruptions, significance 4651
B−Z transitions, A:T base pairs effects on 2269
B-type, fragments, ^1H resonance 5713
B-Z junction-containing oligomer, characterization 1153
bacteriophage M13, C/G−G/C transversions, induction—^{60}Co γ-rays 8147
bacteriophage T5, nucleotide sequence 6230
bacteriophage λ, isolation, micro-/macro-variants 10925
bacteriophage λ, minipreparations 9044
bacteriophage λ, recombination 6839
bacteriophage λplac5, primary structure 10199
bacteriophage 29, replication, origins 5895
bending, induction—RNA polymerase, *Saccharomyces cerevisiae* 9147

bending, protein-induced, estimation, applications 9687
bent structures, recognition, nicking enzyme, *Crithidia fasciculata* 6477
binding factors, detection—rapid, protein blotting/digoxygenine-dUTP marked probes 11839
binding proteins, novel, identification, creatine kinase promoter, brain 8925
binding proteins, sequence-specific, isolation, affinity chromatography 10283
binding sites, ARG boxes/SOS boxes, statistical analysis 5089
biotinylation, *p*-diazobenzoyl-biocytin 7197
brain-specific RNA-coding, nucleotide sequence, mouse 360
c-*myc* genes—homologous, *Saccharomyces cerevisiae*, sequence 4725
Caenorhabditis elegans, repetitive family, characterization 8213
Candida albicans, non-germinative variants 765
chemical modification, 'addressed', theoretical analysis 4693
chloroplast, replication *in vitro* 5603
chorionic villus samples, purification 7730
chromatin, psoralen crosslinks, analysis 7013
chromosomes, bacteria, purification 1639
circular, pulsed field gradient electrophoresis, mobility, characterization, *Leishmania major* 925
cis-DDP-treated, single stranded, replication, termination sites 4407
cleavage, *AatI*/*StuI*, dcm methylation effects on, *Escherichia coli* 2718
cloning, simple method 4179
complexation—m-AMSA/tilorone, energetics/stereochemistry 3061
conformation, bleomycin/phleomycin effects on 2063
conformation, enhancer point mutation effects on, polyomavirus 1987
conformational change—Gal repressor−operator complex 11531
crosslinking—proteins, UV laser irradiation 4525
cruciform structures, binding proteins, cultured human lymphoblasts 3603
cruciforms, targeting, $Rh(DIP)_3^{3+}$ 7943
cylobutane pyrimidine dimers, reversal, photolyase, *Escherichia coli* 5693
damage, ethidium bromide staining/UV light exposure 4157
detection, tissue biopsy samples 11371
Dictyostelium, analysis, mini-screen technique 2338
5, 6-dihydrothymine-containing fragments, synthesis 319
dodecamer, complex—Hoechst 33258, structure 2671
donor, integration—mammalian cells genome, role—adenosine diphosphoribosyl transferase 11319
dot-blot hybridization, europium/metal chelator-labelled probes 8178
dot-hybridization, bioluminescent-enhanced detection 1213
double strand breaks, nonhomologous, joining *in vitro* 907
double stranded, interaction—terminal deoxyribonucleotidyltransferase 2943
double-stranded, attachment—solid support, DNA ligase 1619
double-stranded, sequencing 1220
double-stranded, sequencing, spin dialysis 5198
double-stranded, sequencing, modified method 10382
Drosophila melanogaster, ARS element, localization/homology 1169
Drosophila melanogaster, I elements, structure/organization 9199
Drosophila, high mol.wt, isolation 2736
Drosophila, YYRR box 3375
duplex, complexation—homopyrimidine oligomers, plasmids 2165
duplexes, chemical ligation 3721
*Eco*RV cleavage, recognition mechanism analysis 11781
electroelution, recovery 5208
Escherichia coli, AGG codon, translation 3013
Escherichia coli, promoter elements, consensus sequences 7673
eukaryotic viruses, nucleotide sequence bias 1517
eukaryotic, highly methylated, cloning 4465
extraction, nucleated cells, human 1215
fingerprinting, $(CAC)_5$ probe 5196
fingerprinting, alkaline phosphatase-conjugated oligonucleotides 6235
fingerprinting, bacteriophage M13, hybridization, novel conditions 4161
fingerprinting, blood samples 7738
fingerprinting, gel electrophoresis, modification 7739
fingerprinting, non-radioactive oligonucleotide probes 9344
fingerprinting, single cells, polymerase chain reaction 10953
fingerprinting, use—bacteriophage M13 10394
fluorescence-labelled, preparation, deoxynucleotidyl transferase 11846
footprinting, DNase I stability 8724
fragments, preparation *in vitro*/specific mutagenesis 7351
gel electrophoresis, electroendosmotic elution 1921
gel electrophoresis, self-trapping 5427
helix, structure, psoralen monadduct/diadduct effects on 8945
hemX genes, Uro operon, *Escherichia coli* K12, nucleotide sequence 11835
hepatitis B virus, integration, associated microdeletion 4865
heteroduplexes, repair, mutagenesis, mammalian cells 2313
high molecular weight, isolation, frozen mammalian tissues 5698
high-voltage electro-transformation, *Escherichia coli* 11820
Holliday structures, synthetic, cleavage—HeLa

cells extract 10249
homologous sequences, cloning 10360
homology, statistical method 5169
hydrogen-bonding effects/NMR 2323
incision, control, role—Uvr ABC proteolysis, *Escherichia coli* 9641
integrated plasmid S-1, *Zea mays*, sequence, cytoplasmic male sterility 4169
interaction—nuclear factor I, quantitative analysis 4419
interaction—psoralen-derivatized oligodeoxyribonucleoside methylphosphonates 10681
interaction-Cu(II)/Pb(II), Raman spectroscopy 751
interactions—protein, immunoglobulin *κ* enhancer, intact cells/*in vitro* 953
intercalation—proflavine, model 8999
L1 elements, 5′ ends, organization/structure, mouse 739
L1Gg retroposons, sequence analysis, primates 6147
L1Rn, promoter function, rat 9233
L1Rn, regulatory region, structure, rat 9215
ligation, optimization, kinetic analysis 10301
ligation, simulation, computer programs 1767
luzopeptin binding 2489
major groove, sequence-specific recognition of, triple helix formation, footprinting 11431
major histocompatibility complex class I type, novel sequence 10391
male-specific repeated sequence, pig 10389
male-specific sequence, isolation, pig 11842
(9+8)-mer duplex, NMR/model building 2971
methylated, rescue, *Escherichia coli* C host strain 9343
5-methylcytosine, UV-induced photoproducts 3327
migration, agarose gels, rat haemoglobin effects on 3110
minisatellite, nucleotide sequence, mouse 1197
minor satellite, sequence organization/cytological localization, mouse 11645
mitochondrial—$tRNA^{Thr}$/$tRNA^{Pro}$ sequence, *Acipenser transmontanus* 11825
monofunctional *cis*-platinum adducts, reactivity, relationship—sequence 7663
mouse mammary tumour virus promoter, factors binding 609
mouse mammary tumour virus, long terminal repeat regulatory element, hormone receptor binding, model 10237
mutagenesis, induction—HMT adducts 9961
mutagenesis, phosphorothioate-based, oligonucleotide-directed, 5′−3′ exonucleases 791
mutations, oligonucleotide-directed construction 6987
mutations, oligonucleotide-directed construction 7207
Mycoplasma mycoides, preparation/digestion 2263
Mycoplasma pneumoniae, repetitive sequences 8337
nascent chains, purification 10397
nick translation, use—large-fragment DNA polymerase I 1621
nifK/nifD nifD, *Frankia* sp., nucleotide sequence 11843
non-radioisotopic hybridization assays, oligodeoxyribonucleotide probes 4937
*Not*I linking library, construction/Huntington's disease gene markers 9185
octamers, d(GGGATCCC), three-dimensional structure 7799
oligo/(dA)oligo(dT)tract-containing, NMR 8619
parallel stranded duplex, formation/characterization 6659
phage λ, purification 2873
phage λ/phage 21, interaction—integration host factor, *Escherichia coli* 2015
phosphoramidate analogues, synthesis/heteroduplex thermal stability 4831
phosphorothioate-containing, strand-specific cleavage 803
phosphotriesters formation-haloethylnitrosoureas/repair 5661
photocleavage, 9-aminoacridine derivatives 3877
photocleavage/photofootprinting, azido-9-acridinylamines 5755
Physarum, U-RNA sequence-containing, sequence 9867
plants, preparation/analysis/cloning, methods 11091
plasmid pLS1, static bending regions 9113
plasmid pUB110, *Bacillus subtilis*, replication origin, functional analysis 9127
plasmid, energy−structure correlations 11737
plasmids pT181, replication 2897
plasmids, *Escherichia coli* transformation, one-minute method 1641
plasmids, insert amplification, polymerase chain reaction 3579
plasmids, mini-preparation 9878
plasmids, purification, reverse-phase HPLC, PRP-*x* resin 8185
plasmids, supercoiled, purine−pyrimidine inverted repeats, interconversion 6915
Plasmodium falciparum, excision, mung bean nuclease 6883
Plasmodium falciparum, telomere-related sequences, genetic hypervariability, association—meiosis 6973
point mutations, detection—dot blot/synthetic probes 8723
probes, generation, mixed primer polymerase chain reaction 10371
probes, labelling, dot-blot hybridization 1181
proteins, tightly bound, distribution, relationship—cell lineage 3617
pulsed field gel electrophoresis, differential mobility, mechanism 10376
pulsed homogeneous orthogonal field gel electrophoresis 7405
pulsed-field gel electrophoresis, optimization 7563
relaxation, DNA ligase, nicking−closing mechanism 7369
repair, *Escherichia coli*, UvrABC incision,

control 10903
repetitive identifier, cell-specific expression, rat brain 3963
replication, bacteriophage λ, RNA-primed initiation sites 6531
replicative form, bacteriophage X174, replication/mutagenesis, palindromes effects on 10733
reptitive sequence, role—genome anchorage, mouse 8351
restriction map data, alignment 10392
ribosome, sequences, hybridization—poly(dG-dT)·(dC-dA), mammals 865
RNA hybrids, deoxycytidine methylation effects on 3091
RNA hybrids, preparation 2987
Saccharomyces cerevisiae, sense strand, Markov chain analysis 7145
Saponaria officinalis, comparison—RNA polymerase genes 3103
satellite II, lymphocytes, human 363
α-satellite, acrocentric chromosomes, human 1273
satellite, minor, sequence organization/cytological localization, mouse 11645
sequence amplification, polymerase chain reaction 9051
sequence analysis, computer programs 1829
sequence divergence gradient, recombinational resolution 11237
sequencing, biotin–avidin system 3025
sequencing, polymerase chain reaction 9947
sequencing, Sequenase™, improved method 6238
sequencing, Taq polymerase 10915
short duplexes, electrophoretic mobility 6803
single nucleotide changes, detection—enzyme-labelled oligonucleotides 8722
single-stranded probes, generation, novel method 1628
Southern blot analysis, bacteriophage T4 ligase treatment 10387
spermatozoa, isolation, mammals 1208
stem–loop structures, oligopurine–oligopyrimidine triplexes 11795
strand exchange sites, compilation 1739
Streptomyces lividans, electrophoresis, site-specific degradation 4341
structural lesion, *o*-phenanthroline—specific binding 11607
structure, quinoxaline antibiotics modification, detection—diethyl pyrocarbonate 3655
subtractive hybridization 10937
supercoiled, cruciform extrusion kinetics, role—helix stability 1079
supercoiled, melting, denaturing gradient gel electrophoresis 3269
SV40 genes, *in vitro* transcription/regulation, carcinoma stem cells 11417
SV40, bends, bases identification 3931
SV40, enhancer activity, protein kinase inhibitor H-7 effects on, mouse neuroblastoma cells 10171
SV40, interaction—topoisomerase type I, camptothecin effects on 11157
SV40, psoralen mapping 213
SV40, recombination, COS7 cells 941
synthesis, *in vitro*, blocking, Fapy residues 5879
synthesis, inhibition, deoxynucleotides, microinjection 5249
synthetic, poly(amino^{2}dA–dT)duplex, conformation, isomerization 279
tailing 7744
tertiary structure, anthracyclines effects on 3907
transcription, inhibition—X-irradiation, eukaryotic cells 5175
transcriptionally active sequences, attachment—nucleoskeletion 7183
transformation, high efficiency *Escherichia coli* cells, preparation 8727
transposable element 412, *Drosophila melanogaster*, structure/transcription 455
transposon-like elements, insertion, mediation—retroviruses, human 1143
Trichinella spiralis, repetitive element, nucleotide sequence 3114
tycA genes, tyrocidine synthetase 1, *Bacillus brevis*, nucleotide sequence 11841
underwound, helical repeat 6607
vector-free probes, production—polymerase chain reaction 8719
VP3 genes, rotavirus OSU, pig, nucleotide sequence 11847
yeast heat shock gene promoters, sequence 11845
2-aminoadenine-substituted, preparation/use/cleavage 305

cDNA,
acidic fibroblast growth factor, nucleotide sequence, cattle 10913
α-actin, nucleotide sequence, vascular smooth muscle, rat 4167
α-actin, nucleotide sequence, vascular smooth muscle, mouse 10374
albumin, nucleotide sequence, liver, pig 9045
amplification, degenerate oligonucleotide primers, polymerase chain reaction 10932
amyloid β precursor protein, primary translation product 9351
argininosuccinate synthetase, nucleotide sequence, rat 9352
B1 dimer-containing, structure, mouse 7180
basic fibroblast growth factor, nucleotide sequence, rat 5201
blunt-ended, double-stranded, synthesis 2726
C-*raf*, *Xenopus*, nucleotide sequence 10357
clone 44-1, Duchenne muscular dystrophy, RFLPs 7209
pro α1(III)collagen, nucleotide sequence, human 2337
prepo α1(III)collagen, nucleotide sequence, human 7201
crotoxin, *Crotalus durissus*, cloning/sequence 9050
cytochrome *c* oxidase subunit VIc, nucleotide sequence, human 10916
cytochrome c_1 precursor, nucleotide sequence, human 3577

double minute chromosomes, mouse cell line 3T6R50 4841
DR beta, novel clone, identification 9353
dystrophin, chicken, sequence 11815
epidermal growth factor, cloning/sequence, rat 9338
extrachromosomal, isolation, unicellular eukaryotes 2341
ferritin L chain, rabbit, nucleotide sequence 7741
finger proteins, isolation/characterization, human 4227
giardin, *Giardia lamblia*, sequence 7177
glutamate dehydrogenase, nucleotide sequence, human 6237
glutathione peroxidase, nucleotide sequence, rat 5207
glutathione S-transferase, expression/mapping, liver, human 8541
growth hormone, *Capra hircus*, nucleotide sequence 3578
growth hormone, sequence, chicken 9339
GTP-binding proteins, nucleotide sequence, human 3585
histones, *Drosophila melanogaster*, cloning/analysis 8817
HMG-17 proteins, sequence, mouse 10386
HMG1, sequence, cattle 10375
homeobox-containing, *Xenopus laevis*, expression, early embryogenesis 1453
hormone-sensitive lipase, nucleotide sequence, adipose, rat 9879
interleukin-1 α, nucleotide sequence, cattle 9053
interleukin-1 β, nucleotide sequence, cattle 9054
laminin B2 chain, *Drosophila* 7205
leukaemia inhibitory factor, murine myeloid, nucleotide sequence 9857
light harvesting chlorophyll a/b binding proteins, *Pinus tunbergii*, nucleotide sequence 11829
manganese superoxide dismutase, isolation, human 6224
MAP2, nucleotide sequence, mouse 11369
matrix Gla protein, bovine/human 5213
merozoite surface proteins, *Eimeria acervulina*, sequence 9863
MIP26/nodulin 26, homology, rat/soyabean 9348
myosin light chain 2, nucleotide sequence, rat heart 4722
β-myosin heavy chain, sequence, hamster heart 4737
neural cell adhesion molecule, sequence, mouse 4217
nucleoprotein genes, measles virus Halle strain, cloning/sequencing 11821
nucleotide sequence, brain, rat 5697
p53 oncoproteins, nucleotide sequence, chicken 11383
p53 oncoproteins, nucleotide sequence, rat 11384
phospholipase A2, *Aipysurus laevis*, nucleotide sequence 9048
phospholipase A2, *Notechis scutatus scutatus*, nucleotide sequence 9049
phosphoribulokinase, *Spinacia oleracea*, nucleotide sequence 7192
phosphorylase kinase, nucleotide sequence, rat 2355
pHT 13, structure, hepatoma cells, rat 10935
placental protein 12, cloning, human 8711
placental protein 15, isolation 4721
PR1 proteins, *Nicotiana tabacum*, isolation/nucleotide sequence 9861
pregrowth hormone, *Pagrus major*, nucleotide sequence 3107
prolactin, *Cyprinus carpio*, nucleotide sequence 9350
proopiomelanocortin, bovine ovary 7747
prophobilinogen deaminase, nucleotide sequence, rat 3102
prostate specific antigen, sequence, human 6226
protamine 1, sequence, boar 11826
protamine 2, sequence, human 7733
protein kinase C α/γ subspecies, nucleotide sequence, rat brain 5199
protein phosphatase 2A, β catalytic subunit, nucleotide sequence, lung, human 11366
purification, HPLC 2727
*rap*1B, nucleotide sequence 7719
renin, nucleotide sequence, rat 3576
rho proteins, clone 6/clone 9, sequence 2717
ribosomal protein A1, *Saccharomyces cerevisiae*, nucleotide sequence 3574
ribosomal protein A2, *Saccharomyces cerevisiae*, nucleotide sequence 3575
ribosomal protein L7a, sequence, human 10356
ribosomal protein S17, sequence, chicken 4723
ribulose 1, 5-bisphosphate carboxylase, *Raphanus sativus*, nucleotide sequence, small subunit 2336
ribulose bisphosphate carboxylase small subunit genes, *Pinus tunbergii*, nucleotide sequence 11830
rRNA LSU, *Fasciola hepatica*, cloning/characterization 7001
second-strand cDNA, *Escherichia coli* DNA polymerase I/ribonuclease H 1999
signal recognition particle, expression/RNA 7$\overline{SL}$ binding 9431
superoxide dismutase, mouse 2728
T cell receptor α chain, sequence, HPB-ALL cell line 5209
transforming growth factor-β1, nucleotide sequence, chickens 8730
transition protein 1, nucleotide sequence 7723
β-tubulin, *Giardia lamblia*, cloning/sequence 2733
U1 SnRNP-specific Cprotein 8307
whey acidic protein, sequence, rabbit 8180
yes oncogenes, nucleotide sequence, chicken 9876
YPT1-related, nucleotide sequence 10368
λgt11 libraries, amplification 8718
β-caesin, rabbit, sequence comparison 11814
α_{S1}-casein, sequence, rabbit 11813
cDNA,
A-*myb*/B-*myb* genes, isolation, human 11075
alcohol dehydrogenase 1, *Hordeum vulgare*, nucleotide sequence 7182
ATPase subunit 6, *Cochliobolus heterostrophus*, nucleotide sequence 9875

cAMP-dependent cDNA, subunit Cα, human 8189
cellular thyroid hormone binding protein, nucleotide sequence, mouse 1203
γchain clone pLRγ34.3, nucleotide sequence, rat 11822
clones, GSH S-transferase genes, characterization/expression, maize 425
clones—*per* repeat sequence -containing, mouse 11831
cloning artefact—human collagen type II 'variant' 11833
proα 1(I)collagen C-propeptide domain, nucleotide sequence, human 349
directional cloning, SfiI, bacteriophage expression vector λgt22S 11837
docking protein, nucleotide sequence, human 361
ferritin heavy subunit, nucleotide sequence, macrophage, mouse 10373
glucose-6-phosphate dehydrogenase, cloning/sequence, rat 7746
H2A·Z, nucleotide sequence, mammals 1113
human FcRI, nucleotide sequence 11824
hv1, *Tetrahymena*, sequence/properties 179
hypoxanthine–guanine phosphoribosyltransferase, *Schistosoma mansoni*, analysis, chemotherapy target 7087
lipocortin I, mouse 11818
metallothionein, cloning, chicken 537
myosin light chain 2, nucleotide sequence, chicken smooth muscle 1214
overlapping clones, identification—Southern cross-hybridization 10390
protein phosphatase 2A, α catalytic subunit, nucleotide sequence, lung, human 11365
*rab*3/*rab*4, nucleotide sequence, rat 1204
repetitive sequence families, characterization, relationship—age, mouse heart 3889
restriction fragments, subclone contiguity, determination, polymerase chain reaction 10931
ribosomal protein A0, *Saccharomyces cerevisiae*, nucleotide sequence 3573
ribosomal protein S11, nucleotide sequence, human 1205
ribulose bisphosphate carboxylase–oxygenase, *Brassica napus*, nucleotide sequence 4732
tissue-type plasminogen activator, nucleotide sequence, fetal lung cells 5695
ubiquitin-fusion proteins, chicken—identical to human protein 11838

cDNA library,
screening, false positive clone creation 2351
thyroid hormone receptors, mouse skeletal muscle 6248

D-loop DNA,
synthesis, regulatory sequences, ape/human, comparison 5841

ds-cDNA,
synthesis, DNA polymerase I slippage 1630

mtDNA,
Artemia, genome organization 6515
conformational mutation, human 5945
Kluyveromyces marxianus, GC-rich clusters 8433
Tetrahymena thermophila, phylogeny/structure 327
transcription, regulatory sequences, ape/human, comparison 5841
Vicia faba, ribosomal protein S14 genes 6897

rDNA,
Ascaphus truei, intergenic spacer, organization/sequence 10917
Bombyx mori, insertion elements R1Bm/R2Bm 10561
Euglena gracilis 4801
Lycopersicon esculentum, 17S–25S spacer region, nucleotide sequence 7179
promoter, *Drosophila*, expression 4253

rDNA 18S,
Nanochlorum eucaryotum, nucleotide sequence 4156

sDNA,
nucleotide sequence, heterogeneity, mouse centromere 1201

T-DNA,
Agrobacterium tumefaciens, border repeats, bidirectional transfer 10225
plasmid Ti, right-hand border regions, recognition, *Agrobacterium tumefaciens* 7647

Z-DNA,
antibodies binding, topisomer gel retardation 21
binding proteins, detection, tissue culture cells 8277
d(CACGTG), structure 8695
plasmid pRW751 3977

α-DNA,
α-anomeric oligodeoxyribonucleotides, synthesis 833

DNA 2,
cassava latent virus, essential genes 4811

DNA 5S,
Xenopus, transcription factor IIIA complex 11267

tDNA(Cys)GCA
nucleotide sequence, chloroplast, *Zea mays* 5696

DNA helicase,
conserved sequence 7734
herpes simplex virus type 1-induced, Vero cells 6585

DNA I,
SS nuclease-sensitive regions 5473

DNA ligase,
attachment—double-stranded DNA, solid support 1619
bacteriophage T4, inhibition—anthracyclines 3907
DNA relaxation, nicking–closing mechanism 7369

DNA methyltransferase,
chimaeric, construction 6649
Neisseria gonorrhoeae, purification/characterization 5957

DNA polymerase,
adenovirus, overexpression, recombinant vaccinia

virus 2431
Escherichia coli/bacteriophage T4, conserved epitope 6353
novel non-templated nucleotide addition reactions 9677
phage T7, use—automated dideoxy sequencing 3487
sequence motif 9909
substrates, dihydrothymidine/thymidine glycol triphosphates 11339
DNA polymerase I,
ds-cDNA synthesis, slippage 1630
Escherichia coli, cDNA second-strand synthesis 1999
large-fragment, use—nick translation 1621
DNA polymerase III,
Escherichia coli, base selection, fidelity 6465
Saccharomyces cerevisiae, interaction—calf cyclin/PCNA 6297
DNA polymerase α,
evolutionary conservation 7961
inhibition—aphidicolin derivatives 5107
DNA polymerase β,
genes, promoter, structure/regulation—Sp1-like factor, mouse 8773
mRNA, abundance, cultured human cells 9587
DNA polymerase γ,
purification/characterization, liver, pigs 5645
DNA polymerase δ,
auxiliary proteins, interaction—DNA polymerase III, *Saccharomyces cerevisiae* 6297
purification/properties, calf thymus 6279
DNA repair,
abortive/futile, *Escherichia coli*, induction—ditercalinium 1063
apurinic/apyrimidinic sites, thiols effects on 9489
Cockayne's syndrome/normal UV-exposed fibroblasts 10607
ERCC-1 genes, repair-defective CHO cells 7397
Escherichia coli, role—UvrB ATPase activity 10891
misrepair formation 9377
role—UvrB/UvrB^{s} proteins, *Escherichia coli* 9651
DNA repair enzymes,
Escherichia coli, role—cisplatin-induced mutations 7703
DNA replication,
bacteriophage λ, initiation, role—template superhelicity 9611
*Dpn*I assay, enzyme-resistant molecules, animal cells 4171
Escherichia coli, *dam* methylation, *ori*C unwinding 5067
linear molecules, model 6953
Saccharomyces cerevisiae, origins, chromosome III 6373
spumaviruses, gapped linear duplex intermediate, human/simian 9557
SV40, $(dG\text{-}dA)_{27}\cdot(dT\text{-}dC)_{27}$ pause site 8077
tomato golden mosaic virus 7043
transcription enhancers effects on 11207
DNA topoisomerase II,
activity, ataxia-telangiectasia 3919
cleavage, consensus sequence, vertebrates 5533
DNase,
I/II, inhibition—oligodeoxyribonucleotides phosphorothioate groups 11691
DNase I,
footprinting, rate enhancements 1359
stability, footprinting 8724
Dodecanucleotides,
$d(TGCA)_3$, ^1H NMR, low salt conditions 7133
Dot-blot hybridization,
europium/metal chelator-labelled probes 8178
Down's syndrome,
chromosome 21-specific sequences, expression 2885
***Drosophila*,**
DNA, high mol.wt, isolation 2736
ftz genes, binding sites—regulatory proteins 11403
histone H2A, variant, genes 7487
laminin, B2 chain, cDNA/amino acid sequence 7205
metallothionein genes, promoter, characterization/use 1043
period genes, homology—mouse hexamer repeat sequences 3581
retrotransposons 1731, nucleotide sequence/organization 6113
topoisomerase type II, intracellular forms/degradation 10013
transposable elements, sequence identity—*Caenorhabditis* 5991
YYRR box 3375
rDNA, promoter, expression 4253
***Drosophila melanogaster*,**
ARS element, localization/homology 1169
DNA, I elements, structure/organization 9199
elongation factor 1α genes, characterization 3175
engrailed proteins, post-translational phosphorylation 6637
genes, codon usage, within-species diversity 8207
histones, cDNA, cloning/analysis 8817
lacZ transcriptional genes fusions, P-element vectors 4163
proteins, nuclear, binding, embryos 4989
retroposons, non-viral 4041
ribosomal protein L1 genes, isolation/structure 4915
RNA U6, secondary structure 1202
$tRNA^{Arg}$ genes, 5′ flanking DNA transcription stimulation 2585
$tRNA^{Gly}$ genes, *noc* complex 7189
$tRNA^{Val}$ genes, structure/template activity defect 4137
snRNA genes, localization/copy number 3582
transposable element 412, structure/transcription 455
transposons, relationship—*Caenorhabditis elegans* 6234
y genes, transcription, P-element insertions effects on 3039
rRNA, sequence/cloning, mitochondria 9880
Duchenne muscular dystrophy,
cDNA, clone 44-1, RFLPs 7209

genes, deletion screening, multiplex DNA amplification 11141
genes, deletions, localization 1305
genes, RFLPs 9072

***Eco*RV modification methylase,**
cloning/purification/characterization 3705
***Eimeria acervulina*,**
merozoite surface proteins, cDNA, sequence 9863
Electroporation,
Escherichia coli transformation 6127
Electrotransfection,
human lymphoid/myeloid cell lines 11840
Elongation factor 1α,
genes, *Drosophila melanogaster*, characterization 3175
Elongation factor 2,
diphtheria toxin-susceptible, *Methanococcus vannielii*, genes 7817
Elongation factor Tu,
Escherichia coli, binding—tRNA-*tuf*B operon activator region 10183
genes, *Pseudomonas aeruginosa*, linkage—tRNA genes 7193
Endochitinase,
mRNA, *Solanum tuberosum*, primary structure 5210
Endonucleases,
Chlorella-like algae, induction—NYs-1 virus infection 9477
cleavage products, analysis 6871
mitochondria, activity, conservation, evolution, mammals 6427
separation, nuclear extract, leukaemia cells 7713
Uvr ABC, *Escherichia coli*, damaged DNA incision 7055
Endonuclease III,
Escherichia coli, mechanism of action, AP sites 1135
Endonuclease IV,
Escherichia coli, 3′-phosphoglycolatase activities 5031
Endonuclease V,
bacteriophage T4, mechanism of action, AP sites 1135
***Enterobacter aerogenes*,**
EarI, 5′CTCTTC3′ recognition 9872
***Ephedra kokanica*,**
rRNA 5S, nucleotide sequence 4155
Epidermal growth factor,
effects on mRNA stability 4957
cDNA, cloning/sequence, rat 9338
Epidermal growth factor receptor,
genes, RFLPs 7753
Epstein–Barr virus,
antigens, nuclear 4353
episomal, separation—host cell DNA, pulse field gel electrophoresis 4172
nuclear antigen 1, mutational analysis 3415
nuclear antigen 2 genes, regulation 8391
Equine herpesvirus 1,
thymidine kinase genes, identification/evolutionary significance 11303
***Erwinia chrysanthemi*,**
L-asparaginase genes, sequence 10385
Erythrocytes,
chromatin, active/inactive genes, structure, chickens 8555
***Escherichia coli*,**
*ace*A genes, nucleotide sequence 5689
*ace*B genes, nucleotide sequence 9342
*ace*B genes, nucleotide sequence 10924
C-terminal deletion mutants/ribosomal protein S20, binding-rRNA 16S/mRNA S20 997
chromosomes, GATC sites, arrangement 9821
chromosomes, mapping, cosmid clones 2601
cisplatin-induced mutations, role—DNA repair enzymes 7703
dam methylation, *ori*C unwinding 5067
dcm methylation, effects on *Aat*I/*Stu*I DNA cleavage 2718
*dic*B genes, identification/sequence 6327
*dic*B operon, truncated IS2 element 10388
DNA polymerase I/III, conserved epitope 6353
DNA polymerase I/ribonuclease H, cDNA second-strand synthesis 1999
DNA polymerase III, base selection, fidelity 6465
DNA repair, abortive/futile, induction—ditercalinium 1063
DNA repair, role—UvrB/UvrB* proteins 9651
DNA repair, role—UvrB ATPase activity 10891
DNA repair, UvrABC incision, control 10903
DNA transformation, high efficiency cells, preparation 8727
DNA, AGG codon, translation 3013
DNA, incision, control, role—Uvr ABC proteolysis 9641
DNA, promoter elements, consensus sequences 7673
elongation factor Tu, binding—tRNA-*tuf*B operon activator region 10183
endonuclease III, mechanism of action, AP sites 1135
endonuclease IV/exonuclease III, 3′-phosphoglycolatase activities 5031
*fad*R genes, nucleotide sequence 7995
Frd operon, regulation 6339
fructose -1, 6-bisphosphatase genes, sequence 8707
genes, codon usage, within-species diversity 8207
*grp*E genes, sequence/regulation 7545
hemC/*hemD* genes, nucleotide sequence 9871
high-voltage electro-transformation 11820
*hly*B genes, expression 4789
*htr*A genes, sequence/regulation 10053
human interleukin-2 genes, expression 10453
insertion elements, IS*150* 6789
integration host factor, interaction—phage λ/phage 21 DNA 2015
integration host factor, repression—*Chlamydomonas* chloroplast promoter 3313
integration host factor, regulation—bacteriophage

Mu repressors transcription 4595
kbl genes, nucleotide sequence 3586
*mal*EFG operon, transcription termination site 4097
McrA/McrB restriction phenotypes 1563
mismatch repair, efficiency, role—d(GATC)sites 4875
MutS protein, binding—mismatch-containing oligonucleotide duplexes 7843
nrdA genes, nucleotide sequence, correction 4174
P site bound tRNA anticodon, crosslinking-RNA 16S, analysis 165
P15B/P35 genes, sequencing/mapping 10803
penicillin-binding protein genes, nucleotide sequence 1617
photolyase, DNA cylobutane pyrimidine dimers reversal 5693
plasmid F, replication, E protein, purification/characterization 413
plasmid pAC3, stable shuttle 8732
plasmid R6K, replication, γ origin, integration host factor binding 3829
purF genes, nucleotide sequence 8717
ribonuclease D, genes sequence/purification 6265
ribosomal protein S15, rRNA 16S binding site 2825
ribosomal protein S10, leader transcript, secondary structure 8905
ribosomal subunit 30S, intra-RNA cross-linking 4315
ribosomal subunit 50S, RNA−protein cross-linking 815
ribosomal subunits, association, macromolecular crowding effects on 6309
ribosomes, poly(A) cross-linking 2369
RNA 5S, L18 binding site 10717
RNA M1, substrate specificity, magnesium ion dependence 2931
RNA polymerase, complexation—transposon Tn3 *bla* promoter 2031
RNA polymerase, photoreaction—T_{+1} 9545
RNA polymerase/rRNA complex formation, *in vitro* 9789
mRNA, translation, codon preference, mistranslational constraints 4111
$tRNA^{Glu}_2$ genes, role—ribonuclease III processing 7885
$tRNA^{Phe}$ synthetase, mutant, kinetic analysis 7477
$tRNA^{SeCys}$ acceptor stem—abnormal RNase P cleavage 11617
rRNA 16S genes, decoding site mutations 8129
rRNA 16S, mutation, role—streptomycin resistance 9631
rRNA 16S, protein binding sites 1233
rRNA 23S, domain V, single-stranded sequences, accessibility 1603
rRNA 23S, L1 binding site, mutational analysis 10529
rRNA 23S, α-sarcin region, cDNA probe hybridization 10817
rRNA 9S, structure/processing 7457
terminase host factor 2765
transformation, electroporation 6127
transformation, plasmid DNA, one-minute method 1641
Uvr ABC endonucleases, damaged DNA incision 7855
vectors, cloning 8710
O^6methylguanine-DNA methyltransferase, purification/characterization 6397

Escherichia coli C,
methylated DNA rescue, host strain 9343

Escherichia coli K12,
*dap*F genes, nucleotide sequence 10367
*glp*R genes, nucleotide sequence 7732
ilvGMEDA operon, integration host factor binding 5973
*omp*T genes, nucleotide sequence/amino acid sequence 1209
ruv genes, nucleotide sequence/organization 1541

Espstein−Barr virus,
proteins, antigenic, analysis 2859

Estrogen receptor,
genes, RFLPs, 6q24−q27 7208

Euglena gracilis,
$tRNA^{Pro}$/$tRNA^{Ser}$ genes, nucleotide sequence, chloroplast 9866
rRNA 23S genes, nucleotide sequence, chloroplast 9340
rDNA 4801

Exonuclease III,
Escherichia coli, 3′-phosphoglycolatase activities 5031

Fasciola hepatica,
rRNA LSU, cDNA, cloning/characterization 7001

Ferritin,
cDNA, heavy subunit, nucleotide sequence, macrophage, mouse 10373
L chain, rabbit, cDNA, nucleotide sequence 7741

α-fetoprotein,
genes, enhancers, requirement, stem/differentiated cells 487
genes, methylation patterns, hepatic/non-hepatic tissues, rat 2749

Fibroblast growth factor,
acidic, cDNA, nucleotide sequence, cattle 10913

Fibronectin,
genes, ED-A/ED-B splicing, human 3545
genes, RFLPs 11388

Field inversion gel electrophoresis,
simple set up 768

Fructose-1,6-bisphosphatase,
amino acid sequence/light stimulation, chloroplast, wheat 7931
genes, *Escherichia coli*, sequence 8707

Gel electrophoresis,
DNA fingerprinting, modification 7739
zone-interference, protein−nucleic acid complexes, dissociation constants 10099

Gene expression,
analysis, dihydrofolate reductase minigenes,

mouse 7025
coronavirus, regulation mechanism 10849
Dictyostelium discoideum, transient assay system 2613
liver, tissue specificity 3165
mammalian cells, tandem promoter/enhancer units 1635
Genes,
12, bacteriophage T4, amino acid/nucleotide sequence 2334
A-*myb*/B-*myb*, cDNA, isolation, human 11075
*ace*A, nucleotide sequence, *Escherichia coli* 5689
*ace*B, *Escherichia coli*, nucleotide sequence 9342
*ace*B, *Escherichia coli*, nucleotide sequence 10924
actin, *Thermomyces lanuginosus*, isolation/sequence 2553
actin, *Xenopus laevis*, skeletal muscle, expression, embryos/oocytes 3223
active/inactive, chromatin, erythrocytes, structure, chickens 8555
acyl CoA oxidase, *Candida maltosa*, nucleotide sequence 365
adenosine deaminase, expression, post-transcriptional regulation 3255
adenosine deaminase, promoter, activity, transgenic mice 10083
*Adh*1, Ds1 transposable element, function, *Zea mays* 3815
ADH3, *Pvu*II RFLPs 11857
β-2-adrenergic receptor, RFLPs, human 2359
AHAS, *Arabidopsis thaliana*, expression, *Nicotiana tabacum* 10765
albumin, promoter—regulation, rat 11573
albumin/α-fetoprotein, methylation patterns, hepatic/non-hepatic tissues, rat 2749
aldolase C, nucelotide sequence, human 4733
alkaline phosphatase, RFLPs, human 2361
alkaline phosphatase-like, nucleotide sequence, placenta, human 5694
Alzheimer's disease amyloid peptide, RFLPs 1647
amylase, *Bacillus megaterium*, nucleotide sequence 5203
α-amylase, *Bacillus subtilis*, nucleotide sequence 7178
amylase, functional copies, human 8261
amylase, pancreas, human 4724
amyloid beta protein, RFLPs, 21q11.2−21q21 6259
amyloid beta protein, RFLPs, 21q11.2−21q21 6259
amyloid beta protein, RFLPs, 21q11.2−21q21 7217
β-amyloid, dosage, Alzheimer's disease 357
α_1-antitrypsin, deficiency detection 352
apo A-I, enhancer-like element, identification, rat 7061
ApoB, RFLPs 8746
ApoB, RFLPs 8747
apocytochrome b, *Neurospora*, self-splicing intron 1125
apolipoprotein AI, RFLPs 1221
apolipoprotein AIV, RFLPs 1222
apolipoprotein B, mutants, hypobetalipoproteinaemia 8361
apolipoprotein B, probe, rabbit 8187
apolipoprotein CIII, RFLPs, human 2364
apoVLDLII, chicken, repetitive flanking elements 97
APRT, promoter, characterization, mouse 8509
arginase, structure/promoter, liver, human 8789
*arg*T operon, *Aeromonas hydrophila*, nucleotide sequence 10936
L-asparaginase, *Erwinia chrysanthemi*, sequence 10385
aspartyl tRNA synthase, sequence polymorphisms, yeast 1212
aspartyl tRNA synthase, genes, sequence polymorphisms 1212
ATP5, *Saccharomyces cerevisiae*, sequence 8181
*atp*A, *Helianthus annuus*, structure/transcription, association—cytoplasmic male sterility 3787
F_1-ATPase α-subunit, *Nicotiana plumbaginifolia*, sequence 6247
*atp*E/*trn*M, *Arabidopsis thaliana*, nucleotide sequence 10372
bacteriophage T5, D10−D15, nucleotide sequence 10353
batroxobin, nucleotide sequence 10377
BCR, Philadelphia chromosome-positive leukaemia, breakpoints 10069
BCR, RFLPs 8741
bcr/γ-glutamyl transpeptidase, duplication, human 8045
bla, *Bacillus licheniformis*, protein P20 5691
bla, transposon Tn3, promoter, complexation—*Escherichia coli* RNA polymerase 2031
BRL-*ras*, identification/characterization, rat liver cell line 9979
C-reactive protein, induction, liver, human 3195
C4/Slp, tissue-specific variation, mouse 6857
Cab family, soyabean, isolation/characterization/relatedness 10477
cai, transcription terminators 3739
Calbindin D28K, promoter, nucleotide sequence, chicken 353
calcitonin/CGRP-I, mRNA, tissue-specific processing 7867
cartilage matrix protein, novel splice junctions, chicken 1211
β-casein, rat, tissue-specific expression—mouse 1027
cassava latent virus 4811
CD14, nucleotide sequence 4173
CDC6, cloning/characterization, *Saccharomyces cerevisiae* 11507
α-cell-specific, *Saccharomyces cerevisiae*, sequence-directed bends 6693
chemically synthesized, databank 7763
chloramphenicol acetyltransferase, plasmid pC194-encoded, S1 mapping, *Bacillus subtilis* 1618
chloramphenicol acetyl transferase, constructs, Bluescript 7745
chlorocatechol degradative operon, plasmid pJP4,

nucleotide sequence 7200
cin, bacteriophage P7, nucleotide sequence 6246
circumsporozoite protein, *Plasmodium falciparum*, 5′ coding region 9041
cloning, McrA/McrB restriction phenotypes, *Escherichia coli* 1563
*cnj*B, *Tetrahymena thermophila*, multiple introns/coding region 2189
coagulation factor VII, minisatellite-like sequences, genome probing, human 4166
codon frequencies, computer programs 1821
codon usage, within-species diversity 8207
Col2A1, RFLPs 9077
collagen Type V pro-α 2 chain, RFLPs, 2q24.3q31 5225
α1(I)-collagen, translational control 9721
α1 (III)collagen promoter, deletion analysis, mouse 7513
complement factor B, RFLPs, *Taq*I 11851
COX I, *Saccharomyces cerevisiae*, intron aI5α self-splicing, characterization 3845
CRBP, RFLPs 7758
creatine kinase, RFLPs 8743
creatine kinase, RFLPs 8744
crystal protein, *Bacillus thuringiensis*, nucleotide sequence 2723
cystein proteinase, *Dictyostelium*, expression, role—G-rich elements 8467
cytochrome c_1/methanol dehydrogenase, *Methylobacterium* AM1, amino acid/nucleotide sequence 7722
cytochrome oxidase subunit III, *Zea mays*, nucleotide sequence, mitochondria 9873
cytochrome P450, localization/splicing, human 5783
Cμ/Cδ, immunoglobulin heavy chain, tRNA-like structures 9497
D5, plasmid Ddp1, *Dictyostelium discoideum*, nucleotide sequence 10914
*dap*F, *Escherichia coli* K12, nucleotide sequence 10367
delta-endotoxin, *Bacillus thuringiensis*, nucleotide sequence 1637
*dic*B operon, *Escherichia coli*, truncated IS2 element 10388
*dic*B, *Escherichia coli*, identification/sequence 6327
Dictyostelium discoideum, coding preference 6617
dihydrofolate reductase type I, plasmid-encoded, expression, CHO cells 2235
DNA polymerase β, promoter, structure/regulation—Sp1-like factor, mouse 8773
Duchenne muscular dystrophy, deletions, localization 1305
Duchenne muscular dystrophy, RFLPs 9072
Duchenne muscular dystrophy, deletion screening, multiplex DNA amplification 11141
ear-2/*ear*-3, identification/expression 11057
*Eco*RV modification methylase, cloning 3705
EGF-receptor-related, *X.maculatus* melanoma oncogene—locus associated, RFLPs, chromosomes X/Y 7212
Egr-1, 5′ flanking sequence/genome structure, mouse 8835
EGR2, chromosome 10, *Hind*III RFLPs 11855
elongation factor 1α, *Drosophila melanogaster*, characterization 3175
elongation factor Tu/tRNA, *Pseudomonas aeruginosa*, linkage 7193
ENO1, *Saccharomyces cerevisiae*, upstream activating sequence, proteins binding 1407
entomocidal proteins, *Bacillus thuringiensis aizawai*, nucleotide sequence 10927
epidermal growth factor receptor, RFLPs 7753
epidermal keratin, *Xenopus laevis*, cloning/sequence 8728
erb-Aβ locus, RFLPs, 3p21−3p22 5224
ERCC-1, DNA repair restoration, repair-defective CHO cells 7397
ERCC-1, evolution/mutagenesis, mammals 5305
estrogen receptor, RFLPs, 6q24−q27 7208
extranuclear, expression, yeast 8097
fadR, nucleotide sequence, *Escherichia coli* 7995
α-fetoprotein, enhancers, requirement, stem/differentiated cells 487
fibronectin, RFLPs 1651
fibronectin, RFLPs 9074
fibronectin, RFLPs 11388
fibronection, ED-A/ED-B splicing, human 3545
Frd operon, *Escherichia coli*, regulation 6339
fructose -1, 6-bisphosphatase, *Escherichia coli*, sequence 8707
frx B, *Triticum aestivum* chloroplast, nucleotide sequence 348
ftz, *Drosophila*, binding sites—regulatory proteins 11403
GAL, *Kluyveromyces lactis*, organization/transcription 8011
GAL, *Kluyveromyces lactis*, nucleotide sequence 8192
gal, repressor−operator complex 11531
GCD1, *Saccharomyces cerevisiae*, characterization 9253
gene 25, bacteriophage T4, sequence 9862
gene 32, bacteriophage T2/bacteriophage T6, mRNA, nucleotide sequence 9341
genomic segment 10, bovine rotavirus, nucleotide sequence 763
γ-globin, CCAAT box deletions, sickle cell anaemia 10635
α-globin, novel deletion 11223
γ-globin, promoter, HPFH mutations, human 7783
β^A-globin, promoter, nucleosome positioning, chicken 501
β-globin, promoter, nuclear proteins binding, human 4299
α-1globin, *Ro* RNA pseudogene/*Alu* repeat, human 766
β-globin, sequence, Sprague−Dawley rat 2342
α-globin, *Xenopus laevis*, promoter, erythroid-specific activation 11027
α-globin, *Xenopus tropicalis*, nucleotide sequence, larvae 1625
*glp*R, *Escherichia coli* K12, nucleotide

sequence 7732
glutamine synthetase, *Phaseolus vulgaris*, β subunit, 5′-flanking sequence 11367
γ-glutamyl transferase, PvuII 11848
glutathione peroxidase I, expression, selenium-deficient rats 5557
glutathione S-transferase Ya subunit, 5′-flanking sequence, mouse 351
glutenin, low molecular weight, nucleotide sequence/amino acid sequence, wheat 11376
glycogen phosphorylase, RFLPs 10403
glycoprotein C, herpes simplex virus type 1, regulatory sequences, expression, recombinant herpesviruses 10267
growth hormone, cloning/sequence, cattle 9046
*grp*E, *Escherichia coli*, sequence/regulation 7545
GSH S-transferase, cDNA clones, characterization/expression, maize 425
*gtf*A, *Streptococcus mutans*, nucleotide sequence 10398
guanidinoacetate methyltransferase, nucleotide sequence, rat 8715
H-2DP, analysis—random oligonucleotides mutagenesis 9761
H2A/H2B, conservation/expression, chickens 8571
haemagglutinin, avian influenza virus, cDNA, nucleotide sequence 4181
haptoglobin, RFLPs 8203
hc-(ERBA), RFLPs 7756
hDBP, RFLPs 8199
heat shock-like antigen, *Plasmodium falciparum* 5204
hemC/*hem*D, *Escherichia coli*, nucleotide sequence 9871
hemX, Uro operon, *Escherichia coli* K12, nucleotide sequence 11835
hepatic lipase, RFLPs, 15q21 4739
hepatitis B virus, nucleotide sequence/amino acid sequence 8188
*Hin*dIII, MDR1, RFLPs 11850
*his*A, *Methanococcus vannielii*, transcription initiation 135
histone H1, regulation, human 571
histone H2A variant, *Drosophila* 7487
histone H2B, *Psammechinus miliaris*, promoter 4175
histones, expression, role—premRNA 3′ processing 9399
histones, *Volvox carteri*, sequence/organization 4121
HLA class I, methylation status, CpG/HTF islands mapping 6767
*hly*B, *Escherichia coli*, expression 4789
homeo box locus, RFLPs 11387
homeobox, HB3/HB4, *Tripneustes gratilla*, expression—stage-/tissue-specific 11543
homeobox, *Xenopus laevis*, site-specific inversions 9058
Hox-2.4, mouse/pig, comparison 10364
*Hox*2.3, nucleotide sequence, mouse 2729
HRAS1, chromosome mediated gene transfer, WAGR syndrome 51
HRAS1, RFLPs, human 2366
hsp 70, *Leishmania major*, structure/expression 9567
*hsp*70, *Trypanosoma cruzi*, isolation/characterization 1393
*htr*A, *Escherichia coli*, sequence/regulation 10053
HU-1, *Salmonella typhimurium*, nucleotide sequence 7196
human lipoprotein lipase, *Bst*-1 RFLPs 11856
Huntington's disease, markers 9185
ICP4, herpes simplex virus, regulation 555
IGF II, RFLPs, human 2737
ilvGMEDA operon, *Escherichia coli* K12, integration host factor binding 5973
immunoglobulin E receptor, isolation, human 3584
immunoglobulin H, enhancer, tissue specificity 6085
immunoglobulin H, RFLPs, mouse 8200
immunoglobulin heavy chain, transcription enhancer protein binding sites, functional analysis 3239
immunoglobulin pseudo-gamma IGHGP, sequence, human 3108
immunoglobulin VH5, RFLPs 8748
immunoglobulin λ light chain, intron sequences, human 2959
immunoglobulin α heavy chain, RFLPs, human 2365
immunoglobulin μ, expression, intron requirement 6713
immunoglobulin κ, enhancer, DNA−protein interactions, intact cells/*in vitro* 953
immunoglobulin κ, enhancer, binding proteins, identification/purification 4967
immunoglobulin, promoter, decanucleotide box, protein binding site 3693
immunoglobulin, transcription, *trans*-activation—myeloma cell mRNA, *Xenopus* oocytes 4903
immunoglobulins, protein binding site 5503
inorganic pyrophosphatase, *Saccharomyces cerevisiae*, cloning/characterization/localization 10441
insulin receptor, RFLPs 8204
insulin-like growth factor II, RFLPs 3599
insulin-like growth factor I, RFLPs 9059
insulin/tyrosine hydroxylase, linkage, chromosome II 4437
inter-α-trypsin inhibitor light chain, RFLPs, human 2744
α-interferon, expression, regulation, mouse cells 6067
interleukin 2 receptor, RFLPs 8201
interleukin 4, 5′ region, structure, human 772
interleukin-2, human, expression, *Escherichia coli* 10453
intrachromosomal conversion, accuracy, mouse cells 4069
intracisternal A type particles, *Mastomys natalensis*, normal tissues/tumours 767
intracisternal A-particle region, Chinese hamster, nucleotide sequence 7725
intron/exon lengths, survey 9893

ITIH1, *Sst*I RFLPs 11852
J_K/V_K, chromosome 2, Burkitt lymphoma 6242
kbl, *Escherichia coli*, nucleotide sequence 3586
β-lactoglobulin, nucleotide sequence, sheep 10379
*lac*Z, fusions, *Drosophila melanogaster*, P-element vectors 4163
*lac*ZY, Kan^R resistance fusion cassettes 3587
laminin B1, RFLPs 8742
larvicidal toxins, *Bacillus sphaericus*, amino acid/nucleotide sequence 7731
ligninase, *Phanerochaete chrysosporium*, nucleotide sequence 1219
lipoprotein lipase, RFLPs, human 2358
lipoprotein lipase, RFLPs 2741
low-density lipoprotein receptor, RFLPs, 19p13.2 7214
low-density lipoprotein receptor, RFLPs, 19p13.1–13.3 7215
lux, *Photobacterium leiognathi*, nucleotide sequence 9855
*Lux*A/*Lux*B, *Vibrio fischeri*, nucleotide sequence 777
*lux*C, *Vibrio harveyi*, nucleotide sequence 1551
T-lymphocytes, Vα/Jα segments, structure, mouse 11355
lymphokines, activation, HTLV I $p40^X$ protein effects on 6547
lysozyme, DNase I-hypersensitive site, chicken 4736
M protein, *Streptococcus* group A, leader sequences, comparison 4667
major coat protein, bacteriophage 80, nucleotide sequence 764
major late promoter, adenovirus, transcriptional stimulation 3771
*mal*EFG operon, *Escherichia coli*, transcription termination site 4097
MATa1, yeast, splicing/spliceosome formation 9457
merozoite surface protein, *Plasmodium falciparum*, sequence 1206
metallothionein 1, metal regulatory element-interacting nuclear proteins detection 10547
metallothionein, *Drosophila*, promoter, characterization/use 1043
methyl CoM reductase, intergenic regions, sequence, archaebacteria 7419
mGK-11, sequence, mouse 10918
MIC2, chromosomes X/Y, X inactivation/methylation, human 6813
mini-exon, *Leptomonas seymouri* 7437
mitochondrial nuclease, *Saccharomyces cerevisiae*, deficient mutant, construction 3283
mitochondrial proteins, binding factors, GFI/GFII, identification 7287
mnt, phage P22, mutations, induction—streptozotocin 9811
MOX-1, RFLPs 9067
mutations, detection, ribonuclease A/S1 nuclease 8709
c-myb, promoter region sequence, evolutionarily conserved element, chicken 11521
c-myc, transcription activation, mouse plasmacytomas 77
Mycobacterium tuberculosis, homology—*E.coli* DnaJ heat shock protein 1636
myosin alkali light chain, promoter analysis, mouse 10037
myosin light chain 2, promoter, cell-specific expression, chicken 2411
myosin light chain, promoters, functional activity, mouse cell cultures 1251
N-myc, 5′non-coding region, nucleotide sequence/exon–intron boundaries, mouse 3589
N-*ras*, mRNA, regulation, tumorigenic guinea pig cells 969
N/P, bacteriophage Mu, sequence 5211
N23, soybean, promoter, analysis 39
NADH dehydrogenase subunit 1, nucleotide sequence, mitochondria, rat 6233
NADH dehydrogenase subunit 6/$tRNA^{Trp}$, *Chlamydomonas reinhardtii*, nucleotide sequence 11373
neomycin phosphotransferase II, linked markers convection, vaccinia virus genome 1634
neurofilament light chain, RFLPs, chromosome 8 4183
neurofilament, RFLPs, 8p21 4184
*Ngo*PII methyltransferase, *Neisseria gonorrhoeae*, sequence 4369
nif, *Azotobacter vinelandii*, fragment, sequence 1207
nif, *Klebsiella pneumoniae*, nucleotide sequence 9860
nif, positive control, NifA protein, *Klebsiella pneumoniae* 11469
*nif*A, *Azorhizobium caulinodans*, upstream-activating sequences/anaerobox 9839
*nif*E, *Azotobacter vinelandii*, nucleotide sequence, revision 5214
*nif*E/*nif*N, *Klebsiella pneumoniae*, nucleotide sequence 5215
*nif*H, *Rhodobacter capsulatus*, sequence 8735
nifH-like sequences, *Clostridium pasteurianum*, nucleotide sequence/transcription 439
*nif*J, *Klebsiella pneumoniae*, nucleotide sequence 11379
*nif*K, *Klebsiella pneumoniae*, nucleotide/amino acid sequence 7199
nifK/*nifD*, *Frankia* sp., nucleotide sequence 11843
*nif*LA, Klebsiella pneumoniae, promoter, transcription regulation 9933
NPT-II, bacteria, transfer/expression—chick embryos, retrovirus vectors 7619
*nrd*A, *Escherichia coli*, nucleotide sequence, correction 4174
NUC1, *Saccharomyces cerevisiae*, sequence/expression 3297
nuclear antigen 2, Epstein–Barr virus, regulation 8391
Odc, X-linked, identification, mouse 1642
ompC Salmonella typhi, nucleotide sequence 7721
ompT, *Escherichia coli* K12, nucleotide sequence/amino acid sequence 1209

ornithine decarboxylase, rat, nucleotide sequence 8173
ornithine decarboxylase, RFLPs, mouse 9075
ornithine decarboxylase, nucleotide sequence, mouse 2731
ornithine transcarbamylase, isolation/characterization, mouse 1593
osteonectin, RFLPs 9076
p10, nuclear polyhedrosis virus, 5′ leader sequence, functional analysis, *Autographa californica* 3635
P15B/P35, *Escherichia coli*, sequencing/mapping 10803
P450IIC6, rat, sequence 6249
p53, RFLPs 7757
*Pae*R7, introduction/expression, mouse 11489
PCCB, RFLPs, human 2362
penicillin-binding proteins, *Escherichia coli*, nucleotide sequence 1617
pepsinogen A, RFLPs 9371
pepsinogen C, RFLPs 9372
per repeat sequence, cDNA clones, mouse 11831
period, *Drosophila*, homology—mouse hexamer repeat sequences 3581
PET122, *Saccharomyces cerevisiae*, cloning/nucleotide sequence 10783
PGK, *Saccharomyces cerevisiae*, upstream activator sequence 8245
phenylalanine ammonia-lyase, *Rhodotorula rubra*, nucleotide sequence 11381
phenylalanine amonia-lyase, *Rhodotorula rubra*/*Rhodotorula toruloides*, cDNA/genomic clones, intron deletions 11382
PHO80, *Saccharomyces cerevisiae*, structure/expression 2625
phosphoenolpyruvate carboxykinase, *Saccharomyces cerevisiae*, nucleotide sequence 10926
phosphofructokinase, RFLPs 9060
phosphoglycerate kinase, yeast, promoter, heat shock element 1333
phosphoglycerate kinase, *Penicillium chrysogenum*, sequence 11823
phospholipase C, *Bacillus thuringiensis*, phosphatidylinositol-specific, isolation 10383
photolyase, *Anacystis nidulans*, cloning/characterization 4447
phycocyanin, *Calothrix*, nucleotide sequence 1626
PLA_2, RFLPs 9073
plants, introns, sequence analysis 7159
plasmid RK2, regulation 5345
plasminogen activator inhibitor type-1, regulatory region, human 2805
platelet glycoprotein IIIa, RFLPs, 17q2122 7216
polygalacturonase, *Lycopersicon esculentum*, 5′ flanking region, nucleotide sequence 7191
polyoma virus, regulatory regions, expression/amplification, transgenic mouse 8963
porcine rotavirus OSU strain, nucleotide sequence 367
procollagen, RFLPs 11386
progesterone receptor mRNA, organization, rabbit 5459
protease inhibitor, organization/upstream sequence, mouse 6229
proteins, tick-borne encephalitis virus, nucleotide sequence 7750
*psb*A, barley, sequence/transcript map 8184
*psb*A, *Nicotiana plumbaginifolia*, sequence, wild-type/triazin-resistant mutant 8176
*psb*A, nucleotide sequence, chloroplast, barley 5685
*psb*B/*psb*H, rye, nucleotide sequence, chloroplast 8737
*psb*D, nucleotide sequence, chloroplast, barley 5686
*psb*F, *Oryza sativa*, nucleotide sequence 10384
*psi*B, plasmid F/plasmid R6-5, identification/characterization 10669
purF, *Escherichia coli*, nucleotide sequence 8717
*pyr*G, *Aspergillus niger*, sequence 2339
*pyr*G, *Penicillium chrysogenum*, nucleotide sequence 8177
quinoprotein glucose dehydrogenase, *Acinetobacter calcoaceticus*, nucleotide sequence 6228
RAD18, *Saccharomyces cerevisiae*, isolation/sequence/protein product 7119
RAG2, *Kluyveromyces lactis*, phosphoglucose isomerase 8714
*rbc*S, *Oryza sativa*, nucleotide sequence 7749
*rbc*S, petunia, expression, tobacco 9267
recombinant fragments, assay, polymerase chain reaction 8887
ren, RFLPs, human 2357
Ren-1/*Ren*-2, linkage, mouse 2111
renin, RFLPs, chromosome 1 6253
restriction map data, alignment 10392
retinoic acid receptor, RFLPs, 17q21 6252
retrotransposons, insertion, mouse 7241
ribosomal protein L1, *Drosophila melanogaster*, isolation/structure 4915
ribosomal protein L32, related family members, expression 1u751
ribosomal protein S1, *Rhizobium melilotii*, cloning/characterization 3075
ribosomal protein S14, mtDNA, *Vicia faba* 6897
ribosomal protein YS25, *Saccharomyces cerevisiae*, cloning/nucleotide sequence 6223
ribosomal proteins, transcription, temperature shock effects on, yeast 7917
RNA 4.5S, *Thermus thermophilus*, nucleotide sequence 9042
RNA 5S, *Xenopus*, differential expression, oocytes/somatic cells 3391
RNA 5S/rRNA 5S, *Xenopus tropicalis*, structure 8803
RNA 7S K, transcription, human 1319
RNA polymerase core subunits, *Methanobacterium thermoautotrophicum*, sequence homology—eubacteria/eukaryotes 8113
RNA polymerase II, transcription, enhancement—
RNA polymerase III promoter elements 1285
RNA polymerase III, *Trypanosoma brucei*, structure/sequence 8753

RNA polymerase, *Zea mays*, structure/expression, chloroplast 5741
scRNA, *Bacillus subtilis* 2720
snRNA, *Drosophila melanogaster*, localization/copy number 3582
rRNA, *Halobacterium halobium*, promoters 4679
tRNA, human serine suppressor, *Xenopus laevis*, intervening sequence—effects on *in vitro*/*in vivo* gene expression 11591
tRNA, nucleotide sequence, wheat mitochondria 1210
tRNA, *Saccharomyces cerevisiae*, transcription, control 6737
snRNA, *Sacchromyces cerevisiae*, sequence/analysis 5587
rRNA, *Thiobacillus ferrooxidans*, sequence 8179
tRNA, transcription, S100 extract, leukaemia cells 7715
tRNA, yeast, sigma elements 1499
tRNA-*tuf*B operon, *Escherichia coli*, tRNA-*tuf*B operon, binding—elongation factor Tu 10183
$tRNA^{Ala}$/$tRNA^{Ile}$, *Pseudomonas aeruginosa*, nucleotide sequence 2721
$tRNA^{Arg}$, *Drosophila melanogaster*, 5′ flanking DNA transcription stimulation 2585
$tRNA^{Arg}$, *Saccharomyces cerevisiae*, promoter function 2841
$tRNA^{Asp}$, *Lupinus luteus* mitochondria, sequence 6239
$tRNA^{Asp}$, transcriptional activity/factor binding, 5′ flanking sequences, mouse 2509
$tRNA^{Glu}_2$, role—ribonuclease III processing, genes 7885
$tRNA^{Glu}$, *Saccharomyces cerevisiae*, genomic organization 10623
$tRNA^{Gly}_{GCC}$/$tRNA^{Ser}_{GGA}$, *Cyanophora paradoxa*, nucleotide sequence, cyanelles 8733
$tRNA^{Gly}$, *Drosophila melanogaster*, *noc* complex 7189
$tRNA^{Gly}$, *Sorghum bicolor*, nucleotide sequence 3588
$tRNA^{Ile}$, *Pennisetum americanum*, sequence, chloroplast 4734
$tRNA^{Pro}$/$tRNA^{Trp}$, nucleotide sequence, maize chloroplast 5192
$tRNA^{Pro}$/$tRNA^{Ser}$, *Euglena gracilis*, nucleotide sequence, chloroplast 9866
RNase, structure, bovine pancreas 5491
(AGY)$tRNA^{Ser*}$, *Saccharomyces cerevisiae*, structure 3583
$tRNA^{Trp}$/$tRNA^{Pro}$, *Oenothera*, sequence comparison, chloroplast/mitochondria 7737
$tRNA^{Tyr}$, pseudouridine biosynthesis, introns requirement, human 1951
$tRNA^{Val}$, *Drosophila melanogaster*, structure/template activity defect 4137
hybRNA 4.5S, organization/expression, comparison 6041
rRNA 12S/16S, *Rana catesbeiana*, nucleotide sequence 10363
rRNA 15S, *Saccharomyces cerevisiae*, AT-clusters 8665
rRNA 16S, *Chlorella ellipsoidea*, nucleotide sequence, chloroplast 9865
rRNA 16S, *Escherichia coli*, decoding site mutations 8129
rRNA 16S, nucleotide sequence, *Neisseria gonorrhoeae* 6227
rRNA 16S, *Pseudomonas aeruginosa*, nucleotide sequence 2348
rRNA 16S, *Streptomyces lividans*, nucleotide sequence 370
rRNA 16S, *Thermus thermophilus*, nucleotide sequence 8172
rRNA 16S/$tRNA^{val}$, nucleotide sequence, soybean chloroplast 1200
rRNA 23S, *Euglena gracilis*, nucleotide sequence, chloroplast 9340
rRNA 23S, *Micrococcus luteus*, nucleotide sequence 2344
rRNA 23S, *Pirellula marina*, nucleotide sequence 5194
rRNA 23S, *Rhodobacter capsulatus*, nucleotide sequence 2343
rRNA 23S, Ruminobacter amylophilus, nucleotide sequence 2345
rRNA 23S, *Thermus thermophilus*, nucleotide sequence 9043
rRNA 5S, *Pseudomonas aeruginosa*, nucleotide sequence 2722
rRNA LSU, *Fasciola hepatica*, characterization 7001
snRNA U1, promoter/enhancer, mRNA synthesis 5827
snRNA U1, soybean, nucleotide sequence 4176
snRNA U2, sequence, mouse 7203
rnd, *Escherichia coli*, sequence 6265
hnRNP A1 protein, expression—modulation, epidermal growth factor, Rat-1 cells 11663
*rpl*2/*rpl*19/*rpl*23, expression, spinach chloroplasts 2461
*rpl*23, *Zea mays* plastids, sequence 8183
*rps*12, *Marchantia polymorpha*, nicked group II intron/*trans*-splicing, chloroplast 10025
*rps*19, soybean, nucleotide sequence, chloroplast 1199
ruv, *Escherichia coli* K12, nucleotide sequence/organization 1541
seed-protein, legumes, RY repeats, conservation 371
segment 11, Simian rotavirus SA11, sequence 6244
serine dehydratase, nucleotide sequence, rat 10921
sex-specific storage protein, *Bombyx mori*, nucleotide sequence 7717
single copy, mapping, nonisotopic *in situ* hybridization 3951
snRNA U5, *Arabidopsis thaliana*, structure/expression 10425
sphingomyelinase, *Bacillus cereus*, nucleotide sequence 10370
spore proteins, *Bacillus subtilis*, expression, feedback regulation 6567
stromelysin, expression, adenovirus

E1A/glucocorticoid hormones effects on 10973
substance P–neurokinin A, RFLPs 1644
succinyl-CoA synthetase α-subunit, *Thermus aquaticus*, nucleotide sequence 9858
SUF3, *Saccharomyces cerevisiae*, $tRNA^{Gly}_{CCC}$ mutant 8713
SUF5, *Saccharomyces cerevisiae*, $tRNA^{Gly}_{CCC}$ mutant 8712
SV40, *in vitro* transcription/regulation, carcinoma stem cells 11417
SV40, polyadenylation region, deletions, effects on expression, cell lines 8977
T-cell receptor β-chain, modification, human 2149
T-cell receptor γ, mapping, field inversion/two-dimensional gel electrophoresis, mouse 3863
T24 Ha-*ras*, cassette, human 359
tat, HIV, synthesis 4287
tet, promoter, transcription initiation/mutations 7269
tetM, *Ureaplasma urealyticum*, nucleotide sequence 1216
TGFB, RFLPs 8202
$^{(A}\gamma\delta\beta)^{\circ}$-thalassaemia, novel deletion, characterization 6057
β-thalassaemia, novel mutation 4927
threonine synthase, *Brevibacterium lactofermentum*, nucleotide sequence 9859
thymidine kinase, equine herpesvirus 1, identification/evolutionary significance 11303
thymidine kinase, herpes virus, 3′ flanking region, nucleotide sequence 774
TNF-β, cloning/characterization, rabbit 3112
tobacco, tandem fusions, expression 7601
toxin A synthesis regulation, characterization, *Pseudomonas aeruginosa* 5699
toxin, plasmid k1, *Kluyveromyces lactis*, expression 7333
toxins, *Bacillus sphaericus*, nucleotide sequence 4168
toxins, *Bacillus thuringiensis* subsp. *entomocidus*, nucleotide sequence 6240
transactivation, mediation—HIV *tat* genes, transgenic mouse 1423
transcription factor IIIA, *Xenopus*, transcription, upstream sequences requirement, oocytes 3801
transcription, novel nuclear system 10469
transducin α-subunit, synthesis/expression, bovine eye 6361
transfer, electric field mediation 5515
transferrin receptor, promoter, deletional analysis, human 629
triosephosphate isomerase, *Macaca mulatta*, nucleotide sequence 9055
α-tubulin, *Leptomonas seymouri*, RNA transcripts characterization 3455
tycA, tyrocidine synthetase 1, *Bacillus brevis*, nucleotide sequence 11841
tyrosinase, RFLPs 9890
tyrosine hydroxylase, RFLPs 7760
tyrosine hydroxylase, RFLPs 9078
tyrosine hydroxylase, RFLPs 10948
ubiquinol–cytochrome *c* reductase subunit VIII, *Saccharomyces cerevisiae*, regulatory element 5797
urokinase plasminogen activator, 5′ flanking region, human 10699
urokinase-type plasminogen activator, promoter, binding factors 7527
uvsY, bacteriophage T4, reading frame 7729
V, bacteriophage f1, temperature-sensitive variants, selection 9027
var1, *Saccharomyces cerevisiae*, expression, h56 mutant 9081
vimentin, expression 8057
vimentin, RFLPs 9068
virB operon, plasmid Ti, nucleotide sequence, *Agrobacterium tumefaciens* 4621
vitamin D binding protein, RFLPs, chromosome 4 7211
vitellogenin A2, *Xenopus*, oestrogen responsive element, characterization 647
vitellogenin II, estrogen-inducible, footprinting, chicken 9663
vitellogenin, *Xenopus*, promoters, regulation—human oestrogen receptor 8291
V_K–J_K joining reaction, chromosome 2 6243
V_K, chromosome 22, location, human 6241
Von Willebrand factor, RFLPs 2742
VP2, bluetongue virus, nucleotide sequence 2725
VP3, rotavirus OSU, pig, nucleotide sequence 11847
VP7, bluetongue virus, nucleotide sequence 1620
VP7, Gottfried porcine rotavirus, nucleotide sequence 775
wac, bacteriophage T4, amino acid/nucleotide sequence 10361
waxy locus, *Hordeum vulgare*, structure 7185
X, plasmid R100, nucleotide sequence 4726
X-linked, sequences, hybridization—poly (dG-dT)·(dC-dA), mammals 865
Xenopus laevis, ribosomes, promoter, nuclear factor 1 binding site 10657
xylanase, *Bacillus circulans*, nucleotide sequence 7187
xylanase, *Cryptococcus albidus*, nucleotide sequence 9874
xylose isomerase, *Streptomyces violaceoniger*, nucleotide sequence 9337
y, *Drosophila melanogaster*, transcription, P-element insertions effects on 3039
ZF-21 homeobox, zebrafish, primary structure/characterization 9097
zinc finger proteins, expression, mouse 9995
α2-adrenergic receptor, RFLPs 9070
β_1 adrenergic receptor, RFLPs 7754
β-actin, down-regulation, chicken 2787
pro α1(I)collagen, mRNA, mouse 773
rRNA, organization, halobacteria 7827
$tRNA^{Ser}$, organization/sequence, human 770
$tRNA^{Trp}$, sequence, chick 4728
α-spectrin, RFLPs, erythrocyte 10950

Genome,
Bufo marinus mitochondria, characterization 1622
Strongylocentrotus purpuratus, repeated sequence,

identification 1431
Genome structure,
maize, mitochondria 10395
Mycoplasma pneumoniae 8323
STR sequences, polymorphism, human 8487
Genomic analysis,
Mycoplasmataceae, pulsed-field electrophoresis 6015
*Not*I linking fragments, selective cloning, mammals 9177
plants 4269
Plasmodium cynomolgi 4499
pox virus, field inversion gel electrophoresis 4239
Genomic libraries,
*rec*A enrichment 8157
***Giardia lamblia*,**
chromosomes, trophozoites 4555
giardin, cDNA, sequence 7177
β-tubulin, cDNA, cloning/sequence 2733
Giardin,
Giardia lamblia, cDNA, sequence 7177
α-globin,
genes, novel deletion 11223
genes, *Xenopus laevis*, promoter, erythroid-specific activation 11027
genes, *Xenopus tropicalis*, nucleotide sequence, larvae 1625
α-1globin,
genes, *Ro* RNA pseudogene/*Alu* repeat, human 766
β-globin,
genes, promoter, nuclear proteins binding, human 4299
RNA precursors, processing 593
mRNA, translation efficiency, hypermethylated caps effects on 8953
β^A-globin,
genes, promoter, nucleosome positioning, chicken 501
γ-globin,
genes, CCAAT box deletions, sickle cell anaemia 10635
genes, promoter, HPFH mutations, human 7783
β-globin,
genes, sequence, Sprague–Dawley rat 2342
Glucose-6-phosphate dehydrogenase,
cDNA, cloning/sequence, rat 7746
Glutamate dehydrogenase,
cDNA, nucleotide sequence, human 6237
Glutamine synthetase,
genes, *Phaseolus vulgaris*, β subunit, 5′-flanking sequence 11367
mRNA, nucleotide sequence, rat 7726
γ-glutamyl transpeptidase,
genes, duplication, human 8045
Glutathione peroxidase,
cDNA, nucleotide sequence, rat 5207
Glutathione peroxidase I,
genes, expression, selenium-deficient rats 5557
Glutathione S-transferase,
Ya subunit, genes, 5′-flanking sequence, mouse 351
cDNA, expression/mapping, liver, human 8541
Glutenin,
low molecular weight, genes, nucleotide sequence/amino acid sequence, wheat 11376
***Glycine max*,**
ubiquitin, primary structure 11377
Glycoprotein C,
genes, herpes simplex virus type 1, regulatory sequences, expression, recombinant herpesviruses 10267
***Gnetum gnemon*,**
rRNA 5S, nucleotide sequence 4155
Growth hormone,
Capra hircus, cDNA, nucleotide sequence 3578
genes, cloning/sequence, cattle 9046
Paralichtys olivaceus, amino acid sequence 10362
cDNA, sequence, chicken 9339
Guanidinoacetate methyltransferase,
genes, nucleotide sequence, rat 8715

Haemagglutinin,
genes, avian influenza virus, cDNA, nucleotide sequence 4181
Haemoglobin,
rat, effects on DNA migration, agarose gels 3110
Halobacteria,
rRNA genes, organization 7827
***Halobacterium*,**
plasmid pHSB, nucleotide sequence 4158
plasmids, positive supercoiling, induction—novobiocin 1379
***Halobacterium* GRB,**
plasmid pGRB-1, accumulation, novobiocin induction 7833
***Halobacterium halobium*,**
rRNA genes, promoters 4679
Haloethylnitrosoureas,
phosphotriesters formation/repair 5661
***Hansenula polymorpha*,**
anthranilate synthase, component II 6236
Haptoglobin,
genes, RFLPs 8203
Heat shock proteins,
genes, *Leishmania major*, structure /expression 9567
Heat shock-like antigen,
genes, *Plasmodium falciparum* 5204
HeLa cells,
proteins, characterization/antigenic relationship—*Xenopus laevis* transcription factor TFIIIA 2473
transcription factor Sp1, zinc requirement 5771
***Helianthus annuus*,**
cytoplasmic male sterility, association—*atp*A genes structure/transcription 3787
Hepatic lipase,
genes, RFLPs, 15q21 4739
Hepatitis B virus,
DNA, integration, associated microdeletion 4865
genes, nucleotide sequence/amino acid sequence 8188
Herpes simplex virus,
ICP4 genes, regulation 555

Herpes simplex virus type 1,
DNA helicase, infected Vero cells 6585
glycoprotein C genes, regulatory sequences, expression, recombinant herpesviruses 10267
proteins, Vmw175, DNA binding regions 11005
Vmw65 protein-expressing cell lines, construction 4735
Herpes virus,
thymidine kinase genes, 3′ flanking region, nucleotide sequence 774
Hexanucleotides,
silyl-linked analogues, synthesis 4583
HhaI methyltransferase,
expression/purification 703
Histocompatibility complex,
genes, analysis—random oligonucleotides mutagenesis 9761
Histone genes,
Xenopus borealis, organization/expression 3471
Histone H1,
genes, regulation, human 571
Histone H2A,
hv1 variant, *Tetrahymena*, cDNA, sequence/properties 179
variant, genes, *Drosophila* 7487
Histone H2A isoproteins,
H2A·Z, cDNA, nucleotide sequence, mammals 1113
Histone H2B,
genes, *Psammechinus miliaris*, promoter 4175
Histone H3,
mRNA, polyadenylation, maize 1295
Histone H4,
mRNA, polyadenylation, maize 1295
Histones,
cDNA, *Drosophila melanogaster*, cloning /analysis 8817
genes, conservation/expression, chickens 8571
genes, expression, role—premRNA 3′ processing 9399
genes, *Volvox carteri*, sequence/organization 4121
linker, association—erythroid-specific chromatin 5915
HIV,
infection, detection, DNA amplification 8191
tat genes, mediation—genes transactivation, transgenic mouse 1423
tat genes, synthesis 4287
HIV-1,
RNA, detection—*in vitro* DNA amplification 4165
Homeoboxes,
chromosome 12, organization, human 5379
***Hordeum vulgare*,**
alcohol dehydrogenase 1, cDNA, nucleotide sequence 7182
waxy locus, structure 7185
HSV-1,
vectors, defective, propagation 5690
HTLV I,
$p40^X$ protein, $p40^X$ protein lymphokine genes activation 6547
HTLV-III,
RNA, structure/stability 5153
Huntington's disease,
D4598/S114/S113 mapping, chromosome 4 genes, markers 9185
genome polymorphic sites, sequence analysis 2735
telomere defect 11769
Hypobetalipoproteinaemia,
apolipoprotein B mutants 8361
Hypoxanthine–guanine phosphoribosyltransferase,
cDNA, *Schistosoma mansoni*, analysis, chemotherapy target 7087

Immunoglobulin,
genes, heavy chain, transcription enhancer protein binding sites, functional analysis 3239
genes, promoter, decanucleotide box, protein binding site 3693
genes, protein binding site 5503
genes, transcription, *trans*-activation—myeloma cell mRNA, *Xenopus* oocytes 4903
heavy chain, Cμ/Cδ genes, tRNA-like structures 9497
pseudo-gamma IGHGP, genes, sequence, human 3108
Immunoglobulin E,
receptor, genes, isolation, human 3584
Immunoglobulin G,
human, nucleotide sequence 11824
Immunoglobulin H,
genes, enhancer, tissue specificity 6085
genes, RFLPs, mouse 8200
Immunoglobulin λ,
genes, light chain, intron sequences, human 2959
Immunoglobulin μ,
genes, expression, intron requirement 6713
Immunoglobulin κ,
genes, enhancer, binding proteins, identification/purification 4967
genes, enhancer, DNA–protein interactions, intact cells/*in vitro* 953
Inorganic pyrophosphatase,
genes, *Saccharomyces cerevisiae*, cloning/characterization/localization 10441
Insertion elements,
IS*150*, *Escherichia coli* 6789
R1Bm/R2Bm, *Bombyx mori* 10561
Insertion sequence IS10,
transposase, translation start site 4730
Insulin,
genes, linkage—tyrosine hydroxylase genes, chromosome II 4437
receptor, genes, RFLPs 8204
Insulin receptor,
genes, RFLPs, 19p13.2–p13.3, human 5700
Integration host factor,
Escherichia coli, interaction—phage λ/phage 21 DNA 2015
Escherichia coli, regulation—bacteriophage Mu repressors transcription 4595

Escherichia coli, repression—*Chlamydomonas* chloroplast promoter 3313
ilvGMEDA operon binding, *Escherichia coli* K12 5973
α-interferon,
genes, expression, regulation, mouse cells 6067
Interleukin 2,
genes, human, expression, *Escherichia coli* 10453
receptor, genes, RFLPs 8201
Interleukin 4,
genes, 5′ region, structure, human 772
Interleukin-1 α,
cDNA, nucleotide sequence, cattle 9053
Interleukin-1 β_1
cDNA, nucleotide sequence, cattle 9054
Interstitial retinol-binding protein,
RFLPs 1645
Intracisternal A type particles,
genes, *Mastomys natalensis*, normal tissues/tumours 767
Isocitrate lyase,
genes, nucleotide sequence, *Escherichia coli* 5689

Kallikrein,
genes, sequence, mouse 10918
Keratin,
epidermal, genes, *Xenopus laevis*, cloning/sequence 8728
***Klebsiella pneumoniae*,**
nif genes, nucleotide sequence 9860
NifA protein, *nif* promoter 11469
nifE/*nifN* genes, nucleotide sequence 5215
nifI genes, nucleotide sequence 11379
nifK genes, nucleotide/amino acid sequence 7199
nifLA genes, promoter, transcription regulation 9933
transcriptional activator, function, DNA-recognition helix mutations effects on 4025
***Kluyveromyces lactis*,**
GAL genes, *Kluyveromyces lactis* 8011
GAL genes, nucleotide sequence 8192
plasmid k1, ORF1 region, nucleotide sequence 771
plasmid k1, toxin genes, expression 7333
plasmid pGK12, genome organization 5863
RAG2 genes, phosphoglucose isomerase 8714
***Kluyveromyces marxianus*,**
mtDNA, GC-rich clusters 8433

***Lactobacillus plantarum*,**
rRNA 5S, nucleotide sequence 10938
β-lactoglobulin,
genes, nucleotide sequence, sheep 10379
Laminin,
Drosophila, B2 chain, cDNA/amino acid sequence 7205
receptor, human, mouse homologue, identification 5195
Larvicidal toxins,
genes, *Bacillus sphaericus*, amino acid/nucleotide sequence 7731

Legumes,
seed-protein genes, RY repeats, conservation 371
***Leishmania donovani*,**
rRNA, small subunit coding region, primary structure 7198
***Leishmania major*,**
DNA, circular, pulsed field gradient electrophoresis, mobility, characterization 925
hsp 70 genes, structure/expression 9567
***Leptomonas seymouri*,**
mRNA, discontinuous transcription, mini-exon genes 7437
α-tubulin genes, RNA transcripts characterization 3455
Leukaemia,
ALL/CML, Philadelphia chromosome-positive, BCR genes, breakpoints 10069
Leukaemia inhibitory factor,
murine myeloid, cDNA, nucleotide sequence 9857
Ligases,
separation, nuclear extract, leukaemia cells 7713
Ligninase,
genes, *Phanerochaete chrysosporium*, nucleotide sequence 1219
Lipase,
hormone-sensitive, cDNA, nucleotide sequence, adipose, rat 9879
Liver,
gene expression, tissue specificity 3165
Luciferase,
Photinus pyralis, use—reporter gene, transgenic mouse 4159
***Lupinus luteus*,**
$tRNA^{Asn}$, nucleotide sequence 9349
$tRNA^{Ile}/tRNA^{Ser}$, nucleotide sequence, seeds 8175
$tRNA^{Asp}$ genes, mitochondria, sequence 6239
Luzopeptin,
DNA binding 2489
***Lycopersicon esculentum*,**
rDNA, 17S−25S spacer region, nucleotide sequence 7179
polygalacturonase genes, 5′ flanking region, nucleotide sequence 7191
Lymphocytes,
satellite II DNA, human 363
T-lymphocytes,
genes, Vα/Jα segments, structure, mouse 11355
Lymphokines,
genes, activation, HTLV I $p40^X$ protein effects on 6547
Lymphotoxin,
genes, cloning/characterization, rabbit 3112
Lysozyme,
genes, DNase I-hypersensitive site, chicken 4736

M protein,
genes, *Streptococcus* group A, leader sequences, comparison 4667
***Macaca mulatta*,**
triosephosphate isomerase genes, nucleotide sequence 9055

Maize,
genome structure, mitochondria 10395
histone H3/histone H4 mRNA, polyadenylation 1295
$tRNA^{Pro}$/$tRNA^{Trp}$ genes, nucleotide sequence, chloroplast 5192
Malate synthase A,
genes, *Escherichia coli*, nucleotide sequence 9342
Manganese superoxide dismutase,
cDNA, isolation, human 6224
***Marchantia polymorpha*,**
*rps*12 genes, nicked group II intron/*trans*-splicing, chloroplast 10025
***Mastomys natalensis*,**
intracisternal A type particles genes, normal tissues/tumours 767
Matrix Gla protein,
amino acid sequence/cDNA, bovine/human 5213
MBP gene,
transcription control elements—analysis of, NFI-binding motif 11441
Measles virus,
Halle strain, nucleoprotein genes, cloning, sequencing 11821
Metalloporphyrins,
water-soluble, interaction—nucleic acids, resonance Raman spectroscopy 10323
Metallothionein,
cDNA cloning/amino acid sequence, chicken 537
genes, *Drosophila*, promoter, characterization/use 1043
Metallothionein 1,
genes, metal regulatory element-interacting nuclear proteins, detection 10547
***Methanobacterium thermoautotrophicum*,**
RNA polymerase core subunits genes, sequence homology—eubacteria/eukaryotes 8113
***Methanococcus vannielii*,**
elongation factor 2, diphtheria toxin-susceptible, genes 7817
*his*A genes/RNA polymerase 135
RNA polymerase, promoter, homology-TATA box, higher eukaryotes 151
Methanol dehydrogenase,
genes, *Methylobacterium* AM1, amino acid/nucleotide sequence 7722
Methyl CoM reductase,
genes, intergenic regions, sequence, archaebacteria 7419
5-methyl--2-pyrimidine,
oligodeoxynucleotides synthesis/association constants/base pair stability 7253
5-methylcytosine,
UV-induced photoproducts 3327
O^4-methylguanine,
derivatives, X-ray analysis/NMR 9307
O^6 methylguanine-DNA methyltransferase,
Escherichia coli, purification/characterization 6397
7-methylguanine,
ring-opened residues, DNA synthesis *in vitro* blocking 5879
7-methylguanosine,
neutral form, ^{15}N NMR 7202
7-methylguanosine-5′-monophosphate,
conformation/interaction—L-phenylalanine 6175
***Methylobacterium* AM1,**
cytochrome c_L/methanol dehydrogenase genes, amino acid/nucleotide sequence 7722
Methylphosphorothioates,
nucleic acid, synthesis 7633
***Micrococcus*,**
*Mse*I 3104
***Micrococcus luteus*,**
rRNA 23S genes, nucleotide sequence 2344
Minichromosomes,
SV40, topology 895
Mismatch repair,
Escherichia coli, efficiency, role—d(GATC)sites 4875
Mitochondria,
Bufo marinus, genome, characterization 1622
endonuclease, activity, conservation, evolution, mammals 6427
maize, genome structure 10395
Oenothera berteriana, genome, plastid fragment 7728
Oenothera, $tRNA^{Trp}$/$tRNA^{Pro}$ genes, sequence comparison—chloroplast 7737
ribosomes, RNA binding proteins 2565
Mitochondrial nuclease,
Saccharomyces cerevisiae, deficient mutant, construction 3283
Monocyte differentiation antigens,
CD14, genes, nucleotide sequence 4173
Mouse mammary tumour virus,
DNA, long terminal repeat regulatory element, hormone receptor binding, model 10237
steroid response elements, characterization 5263
mtDNA,
brain, sequence, ancient Native Americans 9775
Mung bean,
nuclease, *Plasmodium falciparum* DNA excision 6883
***Mus musculus*,**
transgenic, *Mys* retrotransposons 3359
***Mycobacterium tuberculosis*,**
antigens, homology—heat shock proteins, *Coxiella burnetii*/*Escherichia coli* 9047
genes, homology—*E.coli* DnaJ heat shock protein 1636
***Mycoplasma capricolum*,**
rRNA operons, promoters 61
***Mycoplasma mobile*,**
genome mapping, PFGE/FIGE techniques 11461
***Mycoplasma mycoides*,**
DNA, preparation/digestion 2263
***Mycoplasma mycoides* subsp. mycoides,**
genomic analysis 6027
***Mycoplasma pneumoniae*,**
DNA, repetitive sequences 8337
genome structure 8323
***Mycoplasmataceae*,**
genomic analysis, pulsed-field electrophoresis 6015

Myeloid cells,
transfection, DMSO/polybrene use 2352
Myeloma MOPC41,
L10 sequence, location, chromosome 6, mouse 7190
Myosin,
genes, alkali light chain, promoter analysis, mouse 10037
light chain 1, cloning/nucleotide sequence, human ventricles 2353
light chain 2, genes, promoter, cell-specific expression, chicken 2411
light chain 2, cDNA, nucleotide sequence, chicken smooth muscle 1214
light chain 2, cDNA, nucleotide sequence, rat heart 4722
light chain, genes, promoters, functional activity, mouse cell cultures 1251
β-myosin,
heavy chain, cDNA, sequence, hamster heart 4737

NADH dehydrogenase,
genes, *Chlamydomonas reinhardtii*, subunit 6, nucleotide sequence 11373
subunit 1, genes, nucleotide sequence, mitochondria, rat 6233
***Nanochlorum eucaryotum*,**
rDNA 18S, nucleotide sequence 4156
***Neisseria gonorrhoeae*,**
DNA methyltransferase, purification/characterization 5957
*Ngo*PII methyltransferase genes, sequence 4369
R.*Ngo*BI, identification 9868
rRNA 16S genes, nucleotide sequence 6227
Neomycin phosphotransferase,
genes, bacteria, transfer/expression—chick embryos, retrovirus vectors 7619
Neomycin phosphotransferase II,
genes, linked markers convection, vaccinia virus genome 1634
Neural cell adhesion molecule,
cDNA, sequence, mouse 4217
***Neurospora*,**
apocytochrome b genes, self-splicing intron 1125
NFI-binding motif,
MBP gene 11441
NgoPII methyltransferase,
genes, *Neisseria gonorrhoeae*, sequence 4369
***Nicotiana plumbaginifolia*,**
F_1-ATPase αsubunit genes, sequence 6247
*psb*A genes, sequence, wild-type/triazin-resistant mutant 8176
***Nicotiana tabacum*,**
Arabidopsis thaliana AHAS genes, expression 10765
PR1 proteins, cDNA, isolation/nucleotide sequence 9861
NifA,
nif promoter, positive control, *Klebsiella pneumoniae* 11469
Nodulin 26,
soyabean, homology—bovine lens fibre membrane proteins 9347
***Notechis scutatus scutatus*,**
phospholipase A2, amino acid sequence/cDNA nucleotide sequence 9049
Novikoff hepatoma,
ATPase IV, DNA-dependent, purification/characterization, rat 6447
Novobiocin,
induction—positive supercoiling, plasmids, *Halobacterium* 1379
Nuclear antigen 1,
Epstein–Barr virus, mutational analysis 3415
Nuclear antigen 2,
genes, Epstein–Barr virus, regulation 8391
Nuclear factor I,
binding sites, stimulation—RNA synthesis *in vitro* 2087
interaction—DNA, quantitative analysis 4419
Nuclear polyhedrosis virus,
p10 genes, 5′ leader sequence, functional analysis, *Autographa californica* 3635
Nuclease,
cleavage products, analysis 6871
mung bean, *Plasmodium falciparum* DNA excision 6883
Nuclease SP,
Spinacia oleracea, characterization 6935
Nucleic acid bases,
conformation, co-crystal complexes 385
Nucleic acids,
bases, partial atomic charges calculation, CHARGE2 2639
binding—Dynabeads™, methods/hybridization reactions 10861
binding—m-AMSA 9707
complexes—proteins, dissociation constants, zone-interference gel electrophoresis 10099
interaction—water-soluble metalloporphyrins, resonance Raman spectroscopy 10323
multiple sequence alignment, algorithm 10881
sequence analysis, computer programs 1821
sequence analysis, computer programs 1837
sequencing, CCS paper-supported oligodeoxyribonucleotides degradation 1631
Nucleoside imidodiphosphates,
synthesis/properties 8645
Nucleosides,
amide-protected, synthesis/structure/use—deoxyoligonucleotides synthesis 3525
Nucleosome core particles,
structure, transcribed/repressed gene regions 11187
Nucleosomes,
chromatin, distribution, statistical analysis 6677
NYs-1 virus,
Chlorella-like algae infection, endonuclease induction 9477

Oenothera,
$tRNA^{Trp}/tRNA^{Pro}$ genes, sequence comparison, chloroplast/mitochondria 7737

Oenothera berteriana,
genome, mitochondria, plastid fragment 7728
Oestrogen receptor,
poly (dA-dC)·poly(dG-dT) binding affinity, polyamines effects on 4705
Oligo(nucleoside methanephosphonates),
P-homochiral, oligo(thymidine methanephosphonates), synthesis, stereoselective 11675
Oligodeoxynucleotides,
complexes—O^6-alkylguanine-DNA alkyltransferase, formation 6779
cytosine arabinoside-containing, synthesis 9165
d-(AATTGCAATT), self-complementary duplex, structure/base-pair opening kinetics 7685
5-methyl-2-pyrimidine/6-thioguanine, synthesis/base pair stability 7253
phosphorothioate, physicochemical properties 3209
sequence-specific recognition of DNA major groove, triple helix formation, footprinting 11431
Oligodeoxyribonucleoside methylphosphonates,
psoralen-derivatized, interaction—DNA 10681
tandem antisense, hybrid arrest, comparison, cell-free system 3341
Oligodeoxyribonucleotides,
affinity columns, synthesis 6232
2, 6-diaminopurine base pairing, thermal stability 5115
purine-rich, unusual duplex formation 5137
tandem antisense, hybrid arrest, comparison, cell-free system 3341
α-anomeric, synthesis 833
Oligonucleosides,
modified, recognition mechanism analysis—*Eco*RV DNA cleavage 11781
Oligonucleotides,
$(CAC)_5$, DNA fingerprinting probe 5196
36 base pair, multiple conformations 10643
alkaline phosphatase-conjugated, DNA fingerprinting 6235
B/Z conformations, flexibility 5621
biotinylated, synthesis/hybridization 4077
cyclic, synthesis 4607
duplexes, cleavage—*Hpa*II/*Msp*I, cytosine methylation effects on 4160
duplexes, thermal stability, tetraalkylammonium salt solutions, application 4637
interruptions, significance, B−Z transition 4651
ligation—nucleic acids/proteins, disulphide bonds 3671
phosphonate functionalization reagents, preparation/application 2659
random mutagenesis, histocompatibility complex genes analysis 9761
sequencing, chemical degradation 2203
short chain, conformation, base stacking 4751
short chain, intercalating drugs complexes 5229
site-directed mutagenesis, *Xenopus laevis* egg extracts 8525
synthesis, guanine bases modifications 4539
synthetic, purification 10382
synthetic, rapid purification—RPC, enzymatic hydrolysis 11559
Oligoribonucleotides,
synthesis, 2′-O-protection—t-butyldimethylsilyl group 9285
synthesis, phosphoramidite approach, 5′-levulinyl/2′-tetrahydrofuranyl protection 9443
Oncogenes,
c-*fes* proto-oncogene, RFLPs, 15q25−26, human 4193
c-Ha-*ras*, point mutations, detection, PCR-RFLP analysis, gastric cancer 6231
c-*myc*, RNA, alternate structures/stability, bursal lymphoma cell line 11171
KRAS, codon 12 mutations, adenocarcinomas, pancreas 7773
ras, YPT1-related cDNA, nucleotide sequence 10368
thyroid papillary carcinoma, RFLPs 9062
v-*jun*, transcriptional activator activity 3005
v-*kit*, RFLPs, 4cen−4q21 4740
yes, cDNA, nucleotide sequence, chicken 9876
Oncoproteins,
p53, cDNA, nucleotide sequence, chicken 11383
p53, cDNA, nucleotide sequence, rat 11384
Operons,
cao-call, transcription terminators 3739
Ornithine decarboxylase,
genes, nucleotide sequence, mouse 2731
genes, rat, nucleotide sequence 8173
Ornithine transcarbamylase,
deficiency, gene transfer, fertilized eggs, mouse 2099
genes, isolation/characterization, mouse 1593
Orthogonal field gel electrophoresis,
pulsed homogeneous 7405
Oryza sativa,
*psb*F genes, nucleotide sequence 10384
*rbc*S genes, nucleotide sequence 7749
Ovalbumin,
mRNA, initiation region, secondary structure 11249
3-oxoacyl-CoA thiolase,
nucleotide sequence, peroxisomes, human 10369
Oxytricha nova,
chromosomes, fragmentation sites, alternative use 251
telomere terminal transferase, activity/DNA replication model 6953

Pagrus major,
pregrowth hormone, cDNA, nucleotide sequence 3107
Panagrellus silusiae,
DNA, repetitive family, homology—*Ascaris lumbricoides* 10833
Paralichtys olivaceus,
growth hormone, amino acid sequence 10362
Penicillium chrysogenum,
phosphoglycerate kinase genes sequence 11823
*pyr*G genes, nucleotide sequence 8177

Pennisetum americanum,
tRNA^{Ile} genes, sequence, chloroplast 4734
Peromyscus leucopus,
Mys retrotransposons 3359
Peroxisomes,
3-oxoacyl-CoA thiolase, nucleotide sequence, human 10369
Petunia,
rbcS genes, expression, tobacco 9267
Phage 21,
DNA, interaction—integration host factor, *Escherichia coli* 2015
Phage P22,
mnt genes, mutations, induction—streptozotocin 9811
Phage T7,
DNA polymerase, use—automated dideoxy sequencing 3487
Phage λ,
DNA, interaction—integration host factor, *Escherichia coli* 2015
DNA, purification 2873
Phanerochaete chrysosporium,
ligninase genes, nucleotide sequence 1219
Phaseolus vulgaris,
glutamine synthetase genes, β subunit, 5′-flanking sequence 11367
tRNA^{Leu}4/tRNA^{Leu}1 mitochondrial/cytoplasmic sequence 11812
tRNA, import, cytoplasm−mitochondria 4777
***o*-phenanthroline**,
specific binding, DNA structural lesion 11607
Phenylalanine ammonia-lyase,
genes, *Rhodotorula rubra*, nucleotide sequence 11381
genes, *Rhodotorula rubra*/*Rhodotorula toruloides*, cDNA/genomic clones, intron deletions 11382
Phleomycin,
effects on DNA conformation 2063
Phosphoenolpyruvate carboxykinase,
genes, *Saccharomyces cerevisiae*, nucleotide sequence 10926
Phosphoglucose isomerase,
genes, *Kluyveromyces lactis* 8714
Phosphoglycerate kinase,
genes sequence, *Penicillium chrysogenum* 11823
genes, yeast, promoter, heat shock element 1333
Phospholipase A2,
Aipysurus laevis, amino acid sequence/cDNA nucleotide sequence 9048
Notechis scutatus scutatus, amino acid sequence/cDNA nucleotide sequence 9049
Phospholipase C,
Bacillus thuringiensis, phosphatidylinositol-specific, genes isolation/amino acid sequence 10383
Phosphoribulokinase,
cDNA, *Spinacia oleracea*, nucleotide sequence 7192
Phosphorylase kinase,
cDNA, nucleotide sequence, rat 2355
Photinus pyralis,
luciferase, use—reporter gene, transgenic mouse 4159
Photobacterium leiognathi,
lux genes, nucleotide sequence 9855
Photolyase,
Escherichia coli, DNA cyclobutane pyrimidine dimers reversal 5693
genes, *Anacystis nidulans*, cloning/characterization 4447
Phycocyanin,
genes, *Calothrix*, nucleotide sequence 1626
Physarum,
DNA, U-RNA sequence-containing, sequence 9867
Pig,
DNA, male-specific repeated sequence 10389
Pirellula marina,
rRNA 23S genes, nucleotide sequence 5194
Placental protein 12,
cDNA, cloning, human 8711
Placental protein 15,
cDNA, isolation 4721
Planococcus citreus,
rRNA 5S, nucleotide sequence 10358
Planococcus kocurii,
rRNA 5S, nucleotide sequence 10358
Plants,
DNA, preparation/analysis/cloning, methods 11091
genomic analysis 4269
introns, sequence analysis 7159
ribosome-inactivating proteins, effects on rRNA 1349
Plasmid Ddp1,
Dictyostelium discoideum, maintenance 6825
Dictyostelium discoideum, D5 genes, nucleotide sequence 10914
Plasmid F,
Escherichia coli, replication, E protein, purification/characterization 413
*psi*B genes, identification/characterization 10669
Plasmid k1,
Kluyveromyces lactis, ORF1 region, nucleotide sequence 771
Kluyveromyces lactis, toxin genes, expression 7333
Plasmid pAC3,
Bacillus subtilis/*Bacillus megaterium*/*Escherichia coli*, stable shuttle 8732
Plasmid pGK12,
Kluyveromyces lactis, genome organization 5863
Plasmid pGKL1,
Saccharomyces cerevisiae, 28K killer precursor proteins, pre-sequence, isolation/secretion vector construction 7499
Plasmid pGRB-1,
Halobacterium GRB, accumulation, novobiocin induction 7833
Plasmid pHSB,
Halobacterium, nucleotide sequence 4158
Plasmid pJP4,
chlorocatechol degradative operon, nucleotide sequence 7200
Plasmid pLGV440,
Chlamydia trachomatis, nucleotide sequence/replication origin 4053

Plasmid pLS1,
DNA, static bending regions 9113
Plasmid pNSI,
replication origins 1640
Plasmid pRW751,
Z-DNA 3977
Plasmid pSV00CAT,
construction/chloramphenicol acetyltransferase activity 1627
Plasmid pT181,
replication origins 1640
Plasmid pTiA6,
Agrobacterium tumefaciens, Vir box sequences 8736
Plasmid pTiC58,
Agrobacterium tumefaciens, Vir box sequences 8736
Plasmid pUB110,
Bacillus subtilis, replication origin, functional analysis 9127
Plasmid pUBIII,
Bacillus subtilis, replication 4389
Plasmid R1,
replication, initiation, role—CIS/*rep*A protein 6493
Plasmid R100,
X genes, nucleotide sequence 4726
Plasmid R6-5,
*psi*B genes, identification/characterization 10669
Plasmid R6K,
Escherichia coli, replication, γ origin, integration host factor binding 3829
Plasmid RK2,
genes, regulation 5345
Plasmid S-1,
DNA, sequence, *Zea mays*, cytoplasmic male sterility 4169
Plasmid S2,
RNA polymerase, *Zea mays*, cytoplasmic male sterility 4177
RNA polymerase, *Zea mays* 8729
Plasmid Ti,
T-DNA, right-hand border regions, recognition, *Agrobacterium tumefaciens* 7647
virB operon, nucleotide sequence, *Agrobacterium tumefaciens* 4621
Plasmids,
bacterial, unique cloning sites 11819
Bluescript, chloramphenicol acetyl transferase constructs 7745
copy number detection, modified Birnboim–Doly method 9056
DNA, duplex, complexation—homopyrimidine oligomers 2165
DNA, *Escherichia coli* transformation, one-minute method 1641
DNA, insert amplification, polymerase chain reaction 3579
DNA, mini-preparation 9878
DNA, purification, reverse-phase HPLC, PRP-x resin 8185
pG12, Tn*4430*-containing, *Bacillus thuringiensis*, nucleotide sequence 11827
Halobacterium, positive supercoiling, induction—novobiocin 1379
partitioning mechanism, reconstruction, *Saccharomyces cerevisiae* 7103
pC223/pUB112, *Staphylococcus aureus*, replication—*Bacillus subtilis*, control 2045
pColV-H247, IncE region, nucleotide sequence 9856
pE194/pLS1, replication proteins, N-terminal homology 3101
pfd, compatibility 6385
pLS1, replication, origin/direction 115
pS194, *Staphylococcus aureus*, nucleotide sequence 2179
pT181, DNA, replication, 2897
purification, HPGFC 5202
replication, transfected mammalian cells, evaluation 7742
supercoiled, purine–pyrimidine inverted repeats, interconversion 6915
Plasminogen activator inhibitor type-1,
genes, regulatory region, human 2805
***Plasmodium cynomolgi*,**
genomic analysis 4499
***Plasmodium falciparum*,**
chromosomes, size polymorphism 4331
circumsporozoite protein genes, 5′ coding region 9041
DNA, excision, mung bean nuclease 6883
DNA, telomere-related sequences, genetic hypervariability, association—meiosis 6973
heat shock-like antigen genes 5204
heat shock-like antigen, identification 10928
merozoite surface protein genes, squence 1206
Platelet glycoprotein IIIa,
genes, RFLPs, 17q2122 7216
Poliovirus,
RNA polymerase, binding—poliovirion/non-viral RNA, filter-binding assay 10339
RNA, cross-over sequence analysis 11705
VPg proteins, evolutionary relationship—bacteriophage PRD1 DNA-terminal protein 4180
Poly (dA-dC)·poly(dG-dT),
oestrogen receptor binding affinity, polyamines effects on 4705
Polyamines,
effects on oestrogen receptor–poly (dA-dC)·poly(dG-dT) binding affinity 4705
Polygalacturonase,
genes, *Lycopersicon esculentum*, 5′ flanking region, nucleotide sequence 7191
Polymerase chain reaction,
automation 5687
Polyoma virus,
transcription enhancers, *Saccharomyces cerevisiae* 8847
transcription enhancers, *Saccharomyces cerevisiae* 8869
Polyomavirus,
enhancer, point mutation, effects on DNA conformation 1987
genes, regulatory regions,

expression/amplification, transgenic mouse 8963
Polypeptides,
nucleic acid binding 'fingers' 4729
Poly[d(A-G)·d(C-T)],
conformation, low pH, CD 719
***Populus deltoides*,**
RFLPs 11378
***Populus tremuloides*,**
RFLPs 11378
***Porphyra umbilicalis*,**
rRNA 5S, sequence/secondary structure/evolutionary significance 10919
Potato virus X,
RNA, nucleotide sequence 10929
Pox virus,
genomic analysis, field inversion gel electrophoresis 4239
Pregrowth hormone,
cDNA, *Pagrus major*, nucleotide sequence 3107
Primase–polymerase complexes,
Saccharomyces cerevisiae, ssDNA replication 6411
Procollagen,
genes, RFLPs 11386
Proflavine,
intercalation—DNA, model 8999
Progesterone receptor,
mRNA, genes, organization, rabbit 5459
Prolactin,
cDNA, *Cyprinus carpio*, nucleotide sequence 9350
Proopiomelanocortin,
cDNA, bovine ovary 7747
Prophobilinogen deaminase,
cDNA, nucleotide sequence, rat 3102
Prostate specific antigen,
cDNA, sequence, human 6226
Protamine 1,
cDNA, nucleotide sequence, boar 11826
Protamine 2,
cDNA, sequence, human 7733
Protease,
adenovirus type 12, primary structure 7195
adenovirus type 3, nucleotide sequence 11374
Protein,
cross-linking—RNA, ribosomal subunit 50S, *Escherichia coli* 815
interactions—DNA, immunoglobulin *κ* enhancer, intact cells/*in vitro* 953
NifA, *Klebsiella pneumoniae*, *nif* promoter, positive control 11469
Protein A1,
cDNA cloning/isoforms, human ribonucleoprotein particles 3751
Protein kinase,
cAMP-dependent, subunit Cα, cDNA, human 8189
Protein kinase C,
α/γ subspecies, cDNA, nucleotide sequence, rat brain 5199
Protein P20,
Bacillus licheniformis, *bla*, genes 5691
Protein phosphatase 2A,
cDNA, α catalytic subunit, nucleotide sequence, lung, human 11365
cDNA, β catalytic subunit, nucleotide sequence, lung, human 11366
C protein,
U1 SnRNP-specific, cDNA/sequence/multigene family 8307
Proteins,
28K killer precursor, pre-sequence, isolation/secretion vector construction, *Saccharomyces cerevisiae* 7499
Ap_4A binding protein, *Xenopus laevis*, characterization, oocytes 2913
bovine lens fibre membrane, homology—nodulin 26, bovine lens fibre membrane 9347
C-reactive protein, genes, induction, liver, human 3195
cartilage matrix protein, genes, novel splice junctions, chicken 1211
cellular thyroid hormone binding protein, cDNA, nucleotide sequence, mouse 1203
complexes—nucleic acids, dissociation constants, zone-interference gel electrophoresis 10099
cowpea mosaic virus, role—polyproteins processing 1967
crosslinking—DNA, UV laser irradiation 4525
crystal protein, genes, *Bacillus thuringiensis*, nucleotide sequence 2723
DNA cruciform structures—binding, cultured human lymphoblasts 3603
DNA polymerase δ auxiliary, interaction—DNA polymerase III, *Saccharomyces cerevisiae* 6297
DNA—tightly bound, distribution, relationship—cell lineage 3617
Z-DNA-binding, detection, tissue culture cells 8277
DNA-binding, interferon-β_1 promoter-specific, embryonal carcinoma cells 10575
DNA-binding, novel, identification, creatine kinase promoter, brain 8925
DNA-bound, mol.wt determination, gel electrophoresis 5241
DNA-proteins, sequence-specific, isolation, affinity chromatography 10283
docking protein, cDNA, nucleotide sequence, human 361
Drosophila melanogaster, nuclear, binding, embryos 4989
E protein, purification/characterization, *Escherichia coli* plasmid F 413
enhancer-binding, functional assay 9870
entomocidal, *Bacillus thuringiensis aizawai*, genes, nucleotide sequence 10927
Espstein–Barr virus, antigenic, analysis 2859
factor D, DNA binding, sequence specificity 199
finger, cDNA, isolation/characterization, human 4227
foreign, targeting, chloroplast, pJ1T117 expression cassette 11380
functionally identical/evolutionarily distinct, amino acid sequence conservation 9017

genes, tick-borne encephalitis virus, nucleotide sequence 7750
GTP-binding, cDNA, nucleotide sequence, human 3585
heat shock, *Escherichia coli*, genes, sequence/regulation 7545
heat shock-like antigen, *Plasmodium falciparum*, identification 10928
HeLa cells, characterization/antigenic relationship—*Xenopus laevis* transcription factor TFIIIA 2473
HMG 1/HMG 2, adenovirus, effects on major late promoter MLTF binding 1471
HMG-17, cDNA, sequence, mouse 10386
HMG1, cDNA, sequence, cattle 10375
HMGs 1/2, effects on RNA polymerase II transcription initiation/elongation 11107
hnRNP C, analysis 4995
ICP4, herpes simplex virus 555
light harvesting chlorophyll a/b binding, *Pinus tunbergii*—cDNA nucleotide sequence 11829
major coat protein, bacteriophage 80, genes, nucleotide sequence 764
MAP2, cDNA, nucleotide sequence, mouse 11369
merozoite surface protein, *Plasmodium falciparum*, genes, sequence 1206
merozoite surface, *Eimeria acervulina*, cDNA, sequence 9863
methylated DNA-binding, mammalian cells 8029
MIP26/nodulin 26, cDNA, homology, rat/soyabean 9348
multiple sequence alignment, algorithm 10881
MutS protein, *Escherichia coli*, binding—mismatch-containing oligonucleotide duplexes 7843
NifA, *Bradyrhizobium japonicum*, essential domains 2207
nuclear, metallothionein 1 genes metal regulatory element-interacting, detection 10547
octamer-binding, malignant melanoma cells 11047
penicillin-binding proteins, genes, nucleotide sequence, *Escherichia coli* 1617
PR1, *Nicotiana tabacum*, cDNA, isolation/nucleotide sequence 9861
precursor terminal protein, adenovirus, overexpression, recombinant vaccinia virus 2431
*rap*1B, cDNA, nucleotide sequence 7719
replication, plasmids pE194/pLS1, N-terminal homology 3101
reverse transcriptase-like protein, retrotransposons, nucleotide sequence 7724
rho, cDNA, clone 6/clone 9, sequence 2717
rhodopsin/β-adrenergic receptor family-like, primary structure, human 8721
ribosome-inactivating proteins, effects on rRNA, plants 1349
RNA-binding, ribosomes, mitochondria 2565
mRNA caps—associated, reticulocytes, rabbit 3437
snRNP E, primary structure 10593
sequence analysis, computer programs 1821
sequence analysis, computer programs 1829
sequence analysis, computer programs 1837
sequence similarities, detection, DNA databases 6191
sex-specific storage protein, *Bombyx mori*, genes, nucleotide sequence 7717
spore, genes, *Bacillus subtilis*, expression, feedback regulation 6567
structure, computer programs 1801
terminal, bacteriophage 29, site-directed mutagenesis 5727
transcription-regulating, compilation 1879
tyrocidine synthetase 1, *Bacillus brevis*, *tycA*, nucleotide sequence 11841
ubiquitin-fusion, chicken, cDNA—identical to human protein 11838
Uvr ABC, proteolysis, role—DNA incision control, *Escherichia coli* 9641
UvrABC, *Escherichia coli*, DNA incision, control 10903
UvrB, *Escherichia coli*, ATPase activity, role—DNA repair 10891
UvrB/UvrB*, role—DNA repair, *Escherichia coli* 9651
Vmw175, herpes simplex virus type 1, DNA binding regions 11005
VP7, Gottfried porcine rotavirus, genes, nucleotide sequence 775
VPg, poliovirus, evolutionary relationship—bacteriophage PRD1 DNA-terminal protein 4180
zinc finger, genes, expression, mouse 9995
α 2μ globulin-related, primary structure, rat 11368

***Psammechinus miliaris*,**
histone H2B genes, promoter 4175

***Pseudomonas aeruginosa*,**
codon usage 9323
$tRNA^{Ala}$/$tRNA^{Ile}$ genes, nucleotide sequence 2721
rRNA 16S genes, nucleotide sequence 2348
rRNA 5S genes, nucleotide sequence 2722
tRNA genes, linkage—elongation factor Tu genes 7193
toxin A synthesis regulation genes, characterization 5699

Psoralen,
biotinylated, preparation/characterization 7221
effects on DNA helix structure, monoadduct/diadduct 8945
HMT adducts, DNA mutagenesis induction 9961

Pulsed-field gel electrophoresis,
optimization 7563

Quinoprotein glucose dehydrogenase,
genes, *Acinetobacter calcoaceticus*, nucleotide sequence 6228

snR30,
Saccharomyces cerevisiae, cloning/nucleotide sequence 5291

***Rana catesbriana*,**
rRNA 12S/16S genes, nucleotide sequence 10363

***Raphanus sativus*,**
ribulose 1, 5-bisphosphate carboxylase, cDNA, nucleotide sequence, small subunit 2336

Rat,
P450IIC6 genes, sequence 6249
Red clover necrotic mosaic virus,
RNA-2, nucleotide sequence/gene organization 8587
Renin,
cDNA, nucleotide sequence, rat 3576
genes, RFLPs, chromosome 1 6253
Restriction endonucleases,
*Aar*I/*Stu*I, DNA cleavage, dcm methylation effects on, *Escherichia coli* 2718
*Acc*III/*Bsp*MII, cytosine methylation sensitivity 7184
*Apa*LI/*Spe*I, DNA cleavage, *Eco*K methylation sensitivity 5206
*Ase*I, *Aquaspirillum serpens* 10365
*Bce*fI, identification/characterization, *Bacillus cereus* 3053
*Bep*I, isolation/characterization, *Berivbacterium epidermidis* 350
*Bme*142I, *Bacillus megaterium*, isolation/properties 10399
*Bst*I, *Bacillus stearothermophilus*, isolation/characterization 5205
buffers, KGB 364
*Dra*II/*Eco*O109, cleavage, inhibition—*dcm* methylation 1623
*Ear*I, *Enterobacter aerogenes*, 5′CTCTTC3′ recognition 9872
*Eco*RII, activation 3997
*Fok*I, specificity, 2-step methylation effects on 6245
*Hpa*II/*Msp*I, cleavage—oligomucleotides duplexes, cytosine methylation effects on 4160
*Mae*II, cytosine methylation effects on 2335
Mnl-I, activity 4731
*Mse*I, *Micrococcus* 3104
R.*Ngo*BI, *Neisseria gonorrhoeae*, identification 9868
*Rsp*X, *Rhodococcus* 4178
*Rsr*I, *Rhodobacter sphaeroides*, purification/properties 7901
Restriction endonucleases type II,
recognition sequences, correlation—host G+C content 2283
Retinoic acid receptor,
genes, RFLPs, 17q21 6252
Retroposons,
non-viral, *Drosophila melanogaster* 4041
Retrotransposon TY,
transcription, control signals, *Saccharomyces cerevisiae* 5439
Retrotransposons,
1731, *Drosophila*, nucleotide sequence/organization 6113
insertion, mouse 7241
Mys, *Peromyscus leucopus*/tranagenic *Mus musculus* 3359
reverse transcriptase-like protein, nucleotide sequence 7724
Retroviruses,
mediation—transposon-like elements insertion, human 1143
SL3-3, enhancer, tissue-specific sequence motifs 5927
vectors, immunoglobulin heavy chain promoter/enhancer, mouse 10939
vectors, pNaz 9345
Reverse transcriptase,
Moloney murine leukaemia virus, ribonuclease H activity, removal 265
Reverse-phase HPLC,
PRP-x resin, plasmid DNA purification 8185
RFLPs,
11q23−qter, D11S286 7210
12p12−12pter, Von Willebrand factor 2742
12q22−24.1, insulin-like growth factor I genes 9059
14q32.3−14qter, immunoglobulin VH5 genes 8748
17q21, retinoic acid receptor genes 6252
17q2122, platelet glycoprotein IIIa genes 7216
17q23−qter, D17S77 6251
19p13.1−13.3, low-density lipoprotein receptor genes 7215
19p13.2−p13.3, insulin receptor genes 5700
19p13.219q12, D19S27 7751
19p13.3−19p13.2, insulin receptor genes 8204
19q13.2−q13.3, creatine kinase genes 8743
1q22−1q25, α-spectrin genes 10950
21q11.2−21q21, amyloid beta protein genes 6259
21q11.2−21q21, amyloid beta protein genes 7217
22q12.3−13.1, c-*sis* oncogenes 8197
2p23−24, ApoB genes 8746
2p23−24, ApoB genes 8747
2q34−36, fibronectin genes 11388
30-2, Xp21.2, Duchenne muscular dystrophy 9072
33.15, *Populus deltoides*/*Populus tremuloides* 11378
3q12−13, MOX-1 genes 9067
4p16.3, D4S90 1648
4q11−4q13, hDBP genes 8199
6q24−q27, estrogen receptor genes 7208
7p14, epidermal growth factor receptor genes 7753
8B/E5′, 1p34−1p36.1 2361
8p22, lipoprotein lipase 2741
ACHF249, 22cen−22q13.1, D22S14 9064
β-2-adrenergic receptor, 5q31−32 2359
apolipoprotein AI, chromosome 11 1221
apolipoprotein AIV, chromosome 11 1222
apolipoprotein CIII genes, chromosome 11 2364
bacteriophage 8-9, 16q22−q24, D16S20 8195
Bst-1, human lipoprotein lipase genes 11856
c-*fes* proto-oncogene, 15q25−26, human 4193
c-Ki-ras1, 6p12−p11 1652
CARLP II6.3, chromosome 5, D5S88 8196
CARLP II8.2, chromosome 10, D10S21 2738
cEFD52, chromosome 17q, D17S26 786
chromosome 11 2737
chromosome 12, immunoglobulin H genes, mouse 8200
chromosome 22, D22S15 1646

chromosome 3, CRBP genes 7758
chromosome 3p21−25 1223
chromosome 4, vitamin D binding protein genes 7211
chromosomes X/Y, EGF-receptor-related genes, *X.maculatus* melanoma oncogene—locus associated 7212
cKKA39, chromosome 14q, D14S23 3120
cMCDE32, D2S53, 6258
cMCOC46, chromosome 13q, D13S54 3594
cMCOD13, chromosome 3, D3S44 9356
cMHZ47, chromosome 13q, D13S52 3119
CMW-1, 15pter−q13, D15S24 8740
collagen Type V pro-α 2 chain genes, 2q24.3q31 5225
cTB14.15, chromosome 10p, D10S32 11392
cTB14.16, chromosome 10p, D10S33 11391
cTB14.36, chromosome 10, D10S35 11390
cTBQ12, chromosome 10, D10S29 11394
cTBQ20, chromosome 10, D10S31 11393
cTBQ7, chromsome 10p, D10S28 11395
cYNA12, chromosome 13q, D13S53 3597
cYNA13, chromosome 1q, D1S74 9369
cYNA4, chromosome 2, D2S50 9362
D95HS0.5, chromosome 13 9069
DHPR cDNA, 4p15.3 3124
*Eco*RI, L-myc, mouse 11853
EGR2, *Hind*III, chromosome 10 11855
erb-Aβ locus, 3p21−3p22 5224
FZ VI A2, 2q11.2, D22S20 2739
γ-glutamyl transferase, PvuII 11848
H2-10, 13q21−q22, D13S26 2745
HBSC21, chromosome 8 9373
hepatic lipase genes, 15q21 4739
hp4F1, 10pter−10q23, vimentin genes 9068
HRAS1 genes, 11p15 2366
HSPp6/HSPp24, 7q21−q22 1644
human protein C gene 11849
IgHA1, 14q32 2365
insulin-like growth factor II genes, 11p15.5 3599
inter-α-trypsin inhibitor light chain 2744
LAMP92, 9q31, D9S29 7213
LDR152, 19q13.1−13.2, D19S19 9063
lipoprotein lipase genes, 8p22, human 2358
LR67, 1q12q23, D1S26 7752
MCT117, chromosome 11q, D11S145 4745
MCT128.1, chromosome 11, D11S285 378
MDR1 genes, *Hind*III 11850
MPO cDNA, 17q11−q21/17q21−24 1649
MT2A, 16q21 9071
neurofilament genes, 8p21 4184
neurofilament light chain genes, chromosome 8 4183
NL32, *Msp*I, chromosome 1, D1S84 11854
ON 164, 5q31−5q33, osteonectin genes 9076
p1.2, 10q, thyroid papillary carcinoma oncogenes 9062
p1236, 7q31, laminin B1 genes 8742
p131-A8, 17q21−q23, D17S78 6250
p23-0.6, chromosome 6/chromosome 12 2363
P24, 2q37, procollagen genes 11386
p49, Yq11.2 7759
pA-EB2.3, 22q11, BCR genes 8741
pACHF1.1, 16p13.3−16p13.11, D16S8 9065
pACHF3.5, 16q13−16q22.1, D16S10 9066
pADRAR, 10q24−q26, α2-adrenergic receptor genes 9070
pAMB2.3, 21q21 1647
pCB-01, chromosome 1, renin genes 6253
pCB-03, chromosome 17, p53 genes 7757
pCB-04, chromosome 1, PLA_2 genes 9073
pCB-05, 11p15 10948
PCCB genes, 3q13.3q22 2362
pCCMM66, chromosome 14q, D14S22 6255
pCM137, chromosome 7, D7S368 4192
pCMI40, chromosome 13q, D13S49 5219
pCMM1.2, chromosome 12q, D12S15 3596
pCMM12, chromosome 1p, D1S76 9368
pCMM17.1, chromosome 10, D10S16 3121
pCMM17.4, chromosome 10, D10S23 4190
PCMM6, chromosome 20, D20S19 5222
pCMM62, chromosome 14q, D14S21 5220
pCMM63, chromosome 2, D2S51 9361
pCMM65, chromosome 16, D16S84 3122
pCMM8, chromosome 1p, D1S79 9365
pCMM8.1, chromosome 1p, D1S63 9370
pCMM86, chromosome 17q, D17S74 5223
pEFD134.7, chromosome 3, D3S45 9355
pEFD145, chromosome 3, D3S32 9357
pEFD33.2, chromosome 12, D12S14 778
pEFD4.2, chromosome 19, D19S22 1228
pEFD49.2, chromosome 15q, D15S38 10943
pEFD49.3, chromosome 15q, D15S29 10944
pEFD52.1, chromosome 15q, D15S44 10942
pEFD53.2, chromosome 1, D1S73, 3116
pEFD6, chromosome 6, D6S41 9888
pEFD64.1, chromosome 3, D3S42 10947
pEFD64.2, chromosome 3, D3S46 9354
pEFD70.2, chromosome 10q, D10S26 10407
pEFD70.3, chromosome 18, D18S23 4748
pEFD85.7, chromosome 15q, D15S37 6356
pEFD85.7, chromosome 15q, D15S37 6256
pEFZ10, chromosome 18, D18S22 1227
pEFZ13, chromosome 1p, D1S64 5704
pEFZ18.2, chromosome 14, D14S17 380
pEFZ31, chromosome 22, D22S32 5221
pEFZ33, chromosome 15q, D15S45 10946
pEFZ38, chromosome 2, D2S60 9360
pEKMDA2-I, chromosome 16, D16S83 9885
pEKZ104.1, chromosome 15, D15S30 1224
pFH154, 2q34−36 1651
pFH6, 2q34−36, fibronectin genes 9074
pG-PFKL 3.3, 21q22.3, phosphofructokinase genes 9060
PGA 101, 11q13, pepsinogen A genes 9371
PGC 301, 6p21.1-pter, pepsinogen C genes 9372
pgh13EE, chromosome 12, homeo box locus 11387
pgHCollIF, 12q131−12q132, *Col2A1* genes 9077
pHB159, chromosome 11, D11S146 376
pHB159, chromosome 11, D11S146 10404
pHBI18P2, chromosome 11, D11S147 377
PheA12, chromosome 3, hc-(ERBA) genes 7756
pHEXB/0.49X, 5q13 8198

pHGTH4, 11p15, tyrosine hydroxylase genes 7760
pHHH106, chromosome 1, D1S67 5218
pHHH119, chromosome 1, D1S59 4741
pHHH152, chromosome 17q, D17S32 787
PHHH157, chromosome 6p, D6S29 5217
pHHH163, chromosome 18, D18S21 4189
pHHH171, chromosome 6p, D6S38 4742
pHHH202, chromosome 17, D17S33 781
pHHH208, chromosome 14q, D14S19 10400
pHMCKUT, 19q, creatine kinase genes 8744
phTGFB-2, 19q13.1−q13.3, TGFB genes 8202
pIBS17, chromosome 4, D4S123 2743
pIL2R2, 10p14−10p15, interleukin 2 receptor genes 8201
pJ17BS8, 8q24 3123
pJCZ3.1, chromosome 19, D19S20 1229
pJCZ30, chromosome 6, D6S37 4743
pJCZ67, chromosome 7, D7S396 4191
pKKA12, chromosome 7, D7S398 9886
pKKA35, chromosome 17q, D17S75 5706
pKKA40, chromosome 9q, D9S31 10408
pMCA1-1, chromosome 15, D15S33 1225
pmcf.2-11, 12q12−13.1, D12S32 8749
pMCK2, chromosome 10, D10S15 374
pMCMP1, chromosome 11q 10403
pMCOA12, chromosome 9q, D9S28 4744
pMCOC12, chromosome 14q, D14S20 6257
pMCOC14, chromosome 4p, D4S124 6254
pMCOE32, chromosome 2, D2S53 6258
pMCT106, chromosome 2, D2S61 9359
pMCT108.2, chromosome 18, D18S24 4188
pMCT118, chromosome 1p, D1S80 9364
pMCT122.2, chromosome 10q, D10S36 10405
pMCT128.2, chromosome 8, D8S39 3590
pMCT149.2, chromosome 15q, D15S34 10941
pMCT15, chromosome 21, D21S113 9882
pMCT32.1, chromosome 3, D3S31 9358
pMCT35.1, chromosome 17p, D17S31 783
pMCT46.2, chromosome 15, D15S26 1226
pMCT58, chromosome 1p, D1S77 9367
pMCT96.1/pMCT96.2, chromosome 9q, D9S14 9881
pMet G, chromosome 7 8745
pMHZ13, chromosome 9q, D9S13 5703
pMHZ15, chromosome 10, D10S17 373
pMHZ17, chromosome 13q, D13S51 10401
pMHZ21, chromosome 9q, D9S30 10409
pMHZ5, chromosome 1, D1S78 9366
pMHZ9, chromosome 14, D14S18 379
pMLJ14, chromosome 14, D14S13 381
pOD48, ornithine decarboxylase genes, mouse 9075
pRHP17/pRHR3, 19p13.2, low-density lipoprotein receptor genes 7214
pRMR6, chromosome 20, D20S20 9883
pRMU1, chromosome 17q, D17S27 785
pRMU3, chromosome 17q, D17S24 784
pRMU7.4, chromosome 7p, D7S370 3591
pTB10.163, chromosome 10, D10S22 4185
pTB10.171, chromosome 10, D10S19 4187
pTBQ16, chromosome 10, D10S30 10406
pTH154, chromosome 1p, D1S62 3115
pTHH14, chromosome 12p, D12S16 3118
PTHH22, chromosome 9q, D9S12 5216
pTHH26, chromosome 11q, D11S149 4746
pTHH28, chromosome 7p, D7S371 5709
pTHH28, chromosome 7p, D7S371 9887
pTHH33, chromosome 1q, D1S81 9363
pTHH37, chromosome 14q, D14S16 3593
pTHH54, chromosome 10, D10S13 372
pTHH55, chromosome 15q, D15S27 3117
pTHH55, chromosome 15q, D15S27 10945
pTHH59, chromosome 17q, D1754 3598
pTHIZ53, chromosome 12, D12S18 5701
pTP5E, 5q23−31, D5S70 2360
pULB1148, 16q22.105−16q22.108, haptoglobin genes 8203
*Pvu*II, ADH3 genes 11857
pXH3, chromosome X, DXS235 2740
pXUT23, Xp22.1−Xp22.3 10949
pYNA15.2, chromosome 15q, D15S36 3595
pYNH15, chromosome 12q, D12S17 779
pYNH20, chromosome 13q, D13S50 10402
pYNH3, chromosome X, DXS287 5705
pYNH37.3, chromosome 17p, D17S28 782
pYNM18.1, chromosome 15q, D15S35 3592
pYNZ132, chromosome 6, D6S40 5708
pYNZ132, chromosome 6, D6S40 9889
pYNZ15, chromosome 2, D2S50 5702
pYNZ156, chromosome 10, D10S18 375
pYNZ2, chromosome 1p, D1S57 4747
pYNZ22, chromosome 17p, D17S30 5707
pYNZ32, chromosome 4p, D4S125 4186
pYNZ90.1, chromosome 15, D15S28 780
pYNZ94, chromosome 17q, D17S80 9884
pλKP20.1, chromosome 19, D19S25 1643
RAR2, chromosome 17 7755
ren genes, chromosome 1, human 2357
Sst I, ITIH1 genes 11852
StyI, chromosome 10 1645
*Taq*I, complement factor B genes 11851
Ty7, 11p15, tyrosine hydroxylase genes 9078
tyrosinase genes, 11q1421 9890
v-*kit*, 4cen−4q21 4740
VK17A, Xq26, DXS294 11389
Xp21.2, Duchenne muscular dystrophy, cDNA, clone 44-1 7209
ZB6-1, 6q21-qter 1650
λMC.34, 2q1.2−1.4, D2S63 9061
β_1 adrenergic receptor genes 7754

Rhinovirus,
RNA, amplification—polymerase chain reaction, clinical isolates 9346

***Rhizobium meliloti*,**
ribosomal protein S1 genes, cloning/characterization 3075

Rhodium,
$Rh(DIP)_3^{3+}$, DNA cruciforms targeting 7943

***Rhodobacter capsulatus*,**
nifH genes, sequence 8735
rRNA 23S genes, nucleotide sequence 2343

***Rhodobacter sphaeroides*,**
*Rsr*I, purification/properties 7901

Rhodococcus,
restriction endonucleases, *Rsp*X 4178
Rhodotorula rubra,
phenylalanine ammonia-lyase genes, nucleotide sequence 11381
phenylalanine ammonia-lyase genes, cDNA/genomic clones, intron deletions 11382
Rhodotorula toruloides,
phenylalanine amonia-lyase genes, cDNA/genomic clones, intron deletions 11382
Ribonuclease D,
Escherichia coli, genes sequence/purification 6265
Ribonuclease H,
activity, reverse transcriptase, Moloney murine leukaemia virus, removal 265
Escherichia coli, cDNA second-strand synthesis 1999
Ribonuclease III,
processing, role—$tRNA^{Gln}_2$ genes, *Escherichia coli* 7885
Ribonuclease P,
Saccharomyces cerevisiae, tRNA precursor cleavage 2537
5′ exo-ribonuclease,
Trypanosoma brucei, characterization 9737
Ribonucleoprotein particles,
protein A1, cDNA cloning/isoforms, human 3751
Ribonucleoproteins,
particles, complementation—premRNA 9415
Ribonucleotide reductase,
Escherichia coli, genes, nucleotide sequence, correction 4174
Ribosomal protein A0,
Saccharomyces cerevisiae, cDNA/amino acid sequence 3573
Ribosomal protein A1,
Saccharomyces cerevisiae, cDNA/amino acid sequence 3574
Ribosomal protein A2,
Saccharomyces cerevisiae, cDNA/amino acid sequence 3575
Ribosomal protein L1,
genes, *Drosophila melanogaster*, isolation/structure 4915
Ribosomal protein L32,
amino acid sequence, rat 2347
genes, related family members, expression 10751
Ribosomal protein L7a,
cDNA, sequence, human 10356
Ribosomal protein S1,
genes, *Rhizobium meliloti*, cloning/characterization 3075
Ribosomal protein S10,
Escherichia coli, leader transcript, secondary structure 8905
Ribosomal protein S11,
cDNA, nucleotide sequence, human 1205
Ribosomal protein S14,
genes, mtDNA, *Vicia faba* 6897
Ribosomal protein S15,
Escherichia coli, rRNA 16S binding site 2825
Ribosomal protein S17,
cDNA, sequence, chicken 4723
Ribosomal protein S20,
binding—rRNA 16S/mRNA S20, *Escherichia coli* 997
Ribosomal protein YS25,
genes, *Saccharomyces cerevisiae*, cloning/nucleotide sequence 6223
Ribosomal proteins,
genes, transcription, temperature shock effects on, yeast 7917
Ribosomal subunit 30S,
Escherichia coli, intra-RNA cross-linking 4315
Ribosomal subunit 50S,
Escherichia coli, RNA–protein cross-linking 815
Ribosomal subunits,
Escherichia coli, association, macromolecular crowding effects on 6309
Ribosome,
Bacillus stearothermophilus, rRNA 5S incorporation *in vitro* 3511
binding site, optimal sequence 5075
DNA, sequences, hybridization—poly(dG-dT)·(dC-dA), mammals 865
Escherichia coli, poly(A) cross-linking 2369
mitochondria, RNA binding proteins 2565
Xenopus laevis, genes, promoter, nuclear factor 1 binding site 10657
Ribulose 1,5-bisphosphate carboxylase,
Raphanus sativus, cDNA, nucleotide sequence, small subunit 2336
Ribulose bisphosphate carboxylase,
small subunit genes, cDNA, *Pinus tunbergii* 11830
Ribulose bisphosphate carboxylase–oxygenase,
cDNA, *Brassica napus*, nucleotide sequence 4732
RNA,
amplification, transcript sequencing 5197
archaebacteria/eubacteria/eukaryotes, common structure 7740
bacteriophage fr/bacteriophage R17, coat protein interactions, comparison 5055
bacteriophage SP, nucleotide sequence 6205
bacteriophage T7, phosphorothioate-substituted substrates, synthesis/purification/RNase III cleavage 1577
barley yellow dwarf virus, sequence/organization 6097
beet western yellows virus, nucleotide sequence 9917
brain-specific, DNA, nucleotide sequence, mouse 360
bulges, NMR/model building 5013
c-*myc*, alternate structures/stability, bursal lymphoma cell line 11171
caulimovirus, leader sequences, secondary structure/open reading frames 8377
circles/lariats, discrimination, PAGE 6597
cross-linking—protein, ribosomal subunit 50S, *Escherichia coli* 815
cucumber pale fruit viroids, sequence variant 8171
detection, tissue biopsy samples 11371
DNA hybrids, deoxycytidine methylation effects on 3091
double-stranded, mRNA translation regulation, *in*

vitro, mammalian cells 3497
eukaryotic viruses, nucleotide sequence bias 1517
fingerprinting, computer programs 1799
GC-rich probes, hybridization, inosine incorporation effects on 4162
grapevine yellow speckle viroid, characterization 849
group I introns, functional domain 2705
group II introns, 5′ splice sites, selection 7383
hairpin loop stability 11725
heterologous, expression, tomato golden mosaic virus 10511
high mol. wt, purification, cultured cells/granulocytes 1487
HIV-1, detection—*in vitro* DNA amplification 4165
HIV-I, structure/stability 5153
hop stunt viroids, Korean strain, nucleotide sequence 8708
isolation, cultured cells/tissues 2340
isolation, eukaryotic cells 10934
isolation, mini-prep method, eukaryotic cells 10933
Northern blot analysis, quantitation 2353
poliovirus, cross-over sequence analysis 11705
potato virus X, nucleotide sequence 10929
precursors, β-globin, processing 593
rhinovirus, amplification—polymerase chain reaction, clinical isolates 9346
satellite, tobacco ringspot virus, phosphorothioate diester bond, autolytic processing 4009
secondary structure, computer programs 1789
single-stranded, tertiary structure 1095
splicing, analysis, novel method 5999
splicing, efficiency 395
subtractive hybridization 10937
synthesis, stimulation—nuclear factor I binding sites, *in vitro* 2087
tobacco mosaic virus, 5′-leader, mutational analysis 883
tobacco mosaic virus, translation, inhibition—complementary oligodeoxynucleotides 4569
tobacco mosaic virus, 5′-leader, translation stimulation, role—amega sequence 8675
α-tubulin genes transcripts, *Leptomonas seymouri*, characterization 3455
turnip yellow mosaic virus, tRNA-like structure, structure/stability 1931
turnip yellow mosaic virus, nucleotide sequence/organization 6157
vaccinia virus, poly(A) head, length, cis-acting sequence effects on 3141
white clover mosaic virus, nucleotide sequence 291

cRNA,
probes 2333

dsRNA,
detection, gel electrophoresis 776

hybRNA 4.5S,
genes, organization/expression, comparison 6041

mRNA,
21-kd polypeptide, nucleotide sequence, mouse tumour cells 2350
40-kd polypeptide, nucleotide sequence, mouse tumour cells 2349
abundance, transcriptional/post-transcriptional control, myeloid cell differentiation, human 2523
apo VLDL II, turnover products, liver, chicken 10109
bacteriophage SP6, chimaeric, translation/transcription *in vitro* 4483
calcitonin/CGRP-I genes, tissue-specific processing 7867
caps, associated proteins, reticulocytes, rabbit 3437
pro-cathepsin-D, induction—oestrogens/growth factors, breast cancer cells 1903
cleavage/polyadenylation *in vitro*, eucaryotes 5323
collagen type IV α2 chain, 3′ untranslated region, sequence, mouse 7181
Dictyostelium discoideum, nucleotide sequence 4738
DNA polymerase β, abundance, cultured human cells 9587
endochitinase, *Solanum tuberosum*, primary structure 5210
gene 32, bacteriophage T2/bacteriophage T6, nucleotide sequence 9341
gene-specific, *in vitro* translation, magnesium dependence 4164
β-globin, translation efficiency, hypermethylated caps effects on 8953
glutamine synthetase, nucleotide sequence, rat 7726
histone H3/histone H4, polyadenylation, maize 1295
isolation, oligodeoxyribonucleotides affinity columns, synthesis 6232
Leptomonas seymouri, discontinuous transcription, mini-exon genes 7437
myeloma cell, immunoglobulin genes transcription *trans*-activation, *Xenopus* oocytes 4903
mutations, detection, ribonuclease A/S1 nuclease 8709
N-*ras*, regulation, tumorigenic guinea pig cells 969
non-adenovirus, metabolism, role—tripartite leader, adenovirus-infected cells 2247
ovalbumin, initiation region, secondary structure 11249
phenotyping, polymerase chain reaction 10366
precursors, splicing *in vitro* 471
regulation, cell cycle—thymidine kinase
progesterone receptor, genes, organization, rabbit 5459
regulation 11625
stability, epidermal growth factor effects on 4957
synthesis, snRNA U1 promoter/enhancer 5827
translation, codon preference, mistranslational constraints, *Escherichia coli* 4111
translation, regulation—double-stranded RNA, *in vitro*, mammalian cells 3497
translation, RNA/RNA duplex effects on 3405
β-tropomyosin, nucleotide sequence, skeletal muscle isoform, human 3109

Trypanosoma brucei, *trans*-splicing intermediate, detection 7720
tubulin, *Tetrahymena*, translation/polysome loading, efficiency 9597
pro α1(I)collagen, mouse 773
mRNA S20,
binding—C-terminal deletion mutants/ribosomal protein S20, *Escherichia coli* 997
premRNA,
3′ processing, role—histones genes expression 9399
actin, splicing, *in vitro*, first exon length, yeast 7233
E1A, adenovirus, splicing *in vitro* 2389
calcitonin/CGRP-I, CT specific splicing *in vitro*, characterization 9513
Saccharomyces cerevisiae, splicing, palindromic sequences effects on 10413
splicing, complementation—ribonucleoproteins particles 9415
troponin T, alternative splicing, *cis* requirements, heart 8443
pretRNA,
splicing, endonucleases/ligases separation, nuclear extract, leukaemia cells 7713
rRNA,
Drosophila melanogaster, sequence/cloning, mitochondria 9880
Escherichia coli, complex formation—RNA polymerase, *in vitro* 9789
genes, *Halobacterium halobium*, promoters 4679
genes, organization, halobacteria 7827
genes, *Thiobacillus ferrooxidans*, sequence 8179
Leishmania donovani, small subunit coding region, primary structure 7198
Mycoplasma capricolum, operons, promoters 61
ribosome-inactivating proteins effects on, plants 1349
Saccharomyces cerevisiae, mitochondrial revertants, characterization 9299
rRNA 5S,
Arthrobacter/*Brevibacterium helvolum*, nucleotide sequence 7716
Ephedra kokanica/*Gnetum gnemon*, nucleotide sequence 4155
genes, *Pseudomonas aeruginosa*, nucleotide sequence 2722
genes, *Xenopus tropicalis*, structure 8803
incorporation, *Bacillus stearothermophilus* ribosomes, *in vitro* 3511
Lactobacillus plantarum/*Sporolactobacillus inulinus*/*Sporolactobacillus laevus*, nucleotide sequence 10938
lupin seeds/wheat germ, thermal unfolding pattern 685
Planococcus citreus/*Planococcus kocurii*/*Sporosarcina ureae*, nucleotide sequence 10358
Porphyra umbilicalis, sequence/secondary structure/evolutionary significance 10919
Vibrio ordalii/*Vibrio tubiashii*, nucleotide sequence 3111
Xenopus laevis, complex—transcription factor IIIA, model 8633
Xenopus laevis, secondary/tertiary structure, oocytes/somatic cells 2295
rRNA 9S,
Escherichia coli, structure/processing 7457
rRNA 12S,
genes, *Rana catesbeiana*, nucleotide sequence 10363
rRNA 15S,
genes, *Saccharomyces cerevisiae*, AT-clusters 8665
rRNA 16S,
binding—C-terminal deletion mutants/ribosomal protein S20, *Escherichia coli* 997
Escherichia coli, mutation, role—streptomycin resistance 9631
Escherichia coli, protein binding sites 1233
genes, *Chlorella ellipsoidea*, nucleotide sequence, chloroplast 9865
genes, *Escherichia coli*, decoding site mutations 8129
genes, nucleotide sequence, soybean chloroplast 1200
genes, nucleotide sequence, *Neisseria gonorrhoeae* 6227
genes, *Pseudomonas aeruginosa*, nucleotide sequence 2348
genes, *Rana catesbeiana*, nucleotide sequence 10363
genes, *Thermus thermophilus*, nucleotide sequence 8172
Streptomyces lividans, genes, nucleotide sequence 370
rRNA 18S,
Cucurbita pepo, tobacco mosaic virus encapsidation initiation site, characterization 7303
primary structure, revised, rabbit 3113
rRNA 23S,
Escherichia coli, domain V, single-stranded sequences, accessibility 1603
Escherichia coli, L1 binding site, mutational analysis 10529
Escherichia coli, α-sarcin region, cDNA probe hybridization 10817
genes, *Euglena gracilis*, nucleotide sequence, chloroplast 9340
genes, *Micrococcus luteus*, nucleotide sequence 2344
genes, *Pirellula marina*, nucleotide sequence 5194
genes, *Rhodobacter capsulatus*, nucleotide sequence 2343
genes, Ruminobacter amylophilus, nucleotide sequence 2345
genes, *Thermus thermophilus*, nucleotide sequence 9043
rRNA 28S,
interaction—snRNP U3, *in vitro* 10493
sequence heterogeneity, human 10213

rRNA LSU,
cDNA, *Fasciola hepatica*, cloning/characterization 7001
RNAI VA,
adenovirus 2, synthesis, SP6 system 1624
scRNA,
Bacillus subtilis, relationship—*Escherichia coli* RNA 4.5S 2719
genes, *Bacillus subtilis* 2720
snRNA,
Caenorhabditis elegans, U4/U6 base pairing 7188
cross-linking-snRNP F/70K, UV-induced, HeLa cells 10985
genes, *Drosophila melanogaster*, localization/copy number 3582
genes, *Sacchromyces cerevisiae*, sequence/analysis 5587
snRNA U1,
genes, promoter/enhancer, mRNA synthesis 5827
genes, soybean, nucleotide sequence 4176
heterogeneity, human 5813
snRNA U2,
genes, sequence, mouse 7203
snRNA U3,
Schizosaccharomyces pombe, isolation/sequence/structural divergence 10131
Xenopus, nucleotide sequence/secondary structure 2127
snRNA U4,
sequence variants/base pairing—snRNA U6, broad bean 5407
snRNA U6,
Trypanosoma brucei, nucleotide sequence/homology 11375
aminoacyl-tRNA synthetase adaptation, role—N49-N65 base pair 7194
Escherichia coli, P site bound, anticodon, crosslinking-RNA 16S, analysis 165
genes, nucleotide sequence, wheat mitochondria 1210
genes, *Pseudomonas aeruginosa*, linkage—elongation factor Tu genes 7193
human serine suppressor, *Xenopus laevis*, intervening sequence—effects on *in vitro*/*in vivo* gene expression 11591
Phaseolus vulgaris, import, cytoplasm−mitochondria 4777
tRNA,
genes, *Saccharomyces cerevisiae*, transcription, control 6737
genes, transcription, S100 extract, leukaemia cells 7715
genes, yeast, sigma elements 1499
precursor cleavage, ribonuclease P, *Saccharomyces cerevisiae* 2537
secondary/tertiary interactions, fidelity 5673
$tRNA^{Ala}$,
genes, *Pseudomonas aeruginosa*, nucleotide sequence 2721
$tRNA^{Arg}$,
genes, *Drosophila melanogaster*, 5′ flanking DNA transcription stimulation 2585
genes, *Saccharomyces cerevisiae*, promoter function 2841
$tRNA^{Asn}$,
Lupinus luteus, nucleotide sequence 9349
$tRNA^{Asp}$,
genes, *Lupinus luteus* mitochondria, sequence 6239
genes, transcriptional activity/factor binding, 5′ flanking sequences, mouse 2509
$tRNA^{Ile}$,
genes, *Pennisetum americanum*, sequence, chloroplast 4734
genes, *Pseudomonas aeruginosa*, nucleotide sequence 2721
Lupinus luteus seeds, nucleotide sequence 8175
$tRNA^{Gln}$ synthetase,
human, homology—*E.coli*/yeast 5391
$tRNA^{Glu}_2$,
genes, role—ribonuclease III processing, *Escherichia coli* 7885
$tRNA^{Glu}$,
genes, *Saccharomyces cerevisiae*, genomic organization 10623
$tRNA^{Gly}_{GCC}$,
genes, *Cyanophora paradoxa*, nucleotide sequence, cyanelles 8733
$tRNA^{Gly}$,
genes, *Drosophila melanogaster*, *noc* complex 7189
genes, *Sorghum bicolor*, nucleotide sequence 3588
$tRNA^{Leu}1$,
mitochondrial/cytoplasmic, sequence, *Phaseolus vulgaris* 11812
$tRNA^{Leu}4$,
mitochondrial/cytoplasmic, sequence, *Phaseolus vulgaris* 11812
$tRNA^{Met}$,
elongator, purification 8095
$tRNA^{Phe}$ synthetase,
Escherichia coli, mutant, kinetic analysis 7477
$tRNA^{Pro}$,
genes, *Euglena gracilis*, nucleotide sequence, chloroplast 9866
genes, nucleotide sequence, maize chloroplast 5192
genes, *Oenothera*, sequence comparison, chloroplast/mitochondria 7737
sequence, mitochondrial DNA, *Acipenser transmontanus* 11825
$tRNA^{SeCys}$,
acceptor stem, *Escherichia coli*—abnormal RNase P cleavage 11617
$tRNA^{Ser}$,
genes, *Euglena gracilis*, nucleotide sequence, chloroplast 9866
genes, organization/sequence, human 770
Lupinus luteus seeds, nucleotide sequence 8175
$tRNA^{Ser}_{GGA}$,
genes, *Cyanophora paradoxa*, nucleotide sequence, cyanelles 8733
(AGY)$tRNA^{Ser}$,
genes, *Saccharomyces cerevisiae*, structure 3583

$tRNA^{Thr}$,
sequence, mitochondrial DNA, *Acipenser transmontanus* 11825
$tRNA^{Trp}$,
genes, *Chlamydomonas reinhardtii*, nucleotide sequence 11373
genes, nucleotide sequence, maize chloroplast 5192
genes, *Oenothera*, sequence comparison, chloroplast/mitochondria 7737
genes, sequence, chick 4728
genes, pseudouridine biosynthesis, introns requirement, human 1951
$tRNA^{Tyr}$,
genes, *Drosophila melanogaster*, structure/template activity defect 4137
genes, nucleotide sequence, soybean chloroplast 1200
RNase,
genes, structure, bovine pancreas 5491
RNase III,
cleavage—phosphorothioate-substituted RNA substrates, bacteriophage T7 1577
RNase P,
abnormal cleavage—$tRNA^{SeCys}$, acceptor stem, *Escherichia coli* 11617
RNA-2,
red clover necrotic mosaic virus, nucleotide sequence/gene organization 8587
RNA3,
brome mosaic virus, subgenomic promoter, mutational analysis 981
RNA 4.5S,
genes, *Thermus thermophilus*, nucleotide sequence 9042
RNA 5S,
Escherichia coli, L18 binding site 10717
genes, *Xenopus tropicalis*, structure 8803
genes, *Xenopus*, differential expression, oocytes/somatic cells 3391
transcription factor IIIA binding, restoration—thioredoxin, *Xenopus laevis* 8497
RNA 7S K,
genes, transcription, human 1319
RNA 16S,
Escherichia coli, crosslinking-P site bound tRNA anticodon, analysis 165
RNA helicase,
conserved sequence 7734
RNA ligase,
Trypanosoma brucei, characterization 9737
RNA M1,
Escherichia coli, substrate specificity, magnesium ion dependence 2931
RNA polymerase,
bacteriophage N4, DNA-dependent, initiation sequences 1011
birnavirus, relationship—positive-strand RNA virus 7735
bla promoter transcription inhibition, transposon Tn3 5277
core subunits genes, *Methanobacterium thermoautotrophicum*, sequence homology—eubacteria/eukaryotes 8113
Escherichia coli, complexation—transposon Tn3 *bla* promoter 2031
Escherichia coli, complex formation—rRNA, *in vitro* 9789
Escherichia coli, photoreaction—T_{+1} 9545
genes, *Zea mays*, structure/expression, chloroplast 5741
Methanococcus vannielii, binding site 135
Methanococcus vannielii, promoter, homology-TATA box, higher eukaryotes 151
plasmid S2, *Zea mays* 8729
plasmid S2, *Zea mays*, cytoplasmic male sterility 4177
poliovirus, binding—poliovirion/non-viral RNA, filter-binding assay 10339
Saccharomyces cerevisiae, DNA bending induction 9147
sequence motif 9909
spinach chloroplast, recognition—prokaryote transcription terminators 8411
yeast RNA virus-encoded, identification 6225
RNA polymerase II,
genes, transcription, enhancement—RNA polymerase III promoter elements 1285
transcription, initiation/elongation, HMGs 1/2 effects on 11107
RNA polymerase III,
genes, *Trypanosoma brucei*, structure/sequence 8753
RNA probes,
labelled, enzymatically amplified, DNA templates 11836
RNA U1,
Chlorella saccharophila, structure 2734
RNA Uo,
Drosophila melanogaster, secondary structure 1202
hnRNP,
A1 protein genes, expression—modulation, epidermal growth factor, Rat-1 cells 11663
snRNP,
F/70K, cross-linking—snRNP, UV-induced, HeLa cells 10985
snRNP E,
primary structure 10593
snRNP U3,
interaction—rRNA 28S, *in vitro* 10493
***Ruminobacter amylophilus*,**
rRNA 23S genes, nucleotide sequence 2345
Rye,
*psb*B/*psb*H genes, nucleotide sequence, chloroplast 8737

***Saccharomyces cerevisiae*,**
ADR6 genes, primary structure/gene product 10153
ATP5 genes, sequence 8181
CDC6 genes, cloning/characterization 11507
α-cell-specific genes, sequence-directed bends 6693
chromosome III, DNA replication origins 6373
COX I genes, intron aI5α self-splicing, characterization 3845
DNA polymerase III, interaction—calf cyclin/PCNA 6297
DNA, c-*myc* genes—homologous, sequence 4725
DNA, sense strand, Markov chain analysis 7145
ENO1 genes, upstream activating sequence, proteins binding 1407
GCD1 genes, characterization 9253
genes, codon usage, within-species diversity 8207
inorganic pyrophosphatase genes, cloning/characterization/localization 10441
mitochondrial nuclease deficient mutant, construction 3283
NUC1 genes, sequence/expression 3297
PET122 genes, cloning/nucleotide sequence 10783
PGK genes, upstream activator sequence 8245
PHO80 genes, structure/expression 2625
phosphoenolpyruvate carboxykinase genes, nucleotide sequence 10926
plasmid pGKL1, 28K killer precursor proteins, pre-sequence, isolation/secretion vector construction 7499
plasmids, reconstruction, partitioning mechanism 7103
primase–polymerase complexes, ssDNA replication 6411
snR30, cloning/nucleotide sequence 5291
RAD18 genes, isolation/sequence/protein product 7119
retrotransposon TY, transcription, control signals 5439
ribonuclease P, tRNA precursor cleavage 2537
ribosomal protein A0, cDNA/amino acid sequence 3573
ribosomal protein A1, cDNA/amino acid sequence 3574
ribosomal protein A2, cDNA/amino acid sequence 3575
ribosomal protein YS25 genes, cloning/nucleotide sequence 6223
RNA polymerase, DNA bending induction 9147
rRNA, mitochondrial revertants, characterization 9299
premRNA, splicing, palindromic sequences effects on 10413
snRNA genes, sequence/analysis 5587 $tRNA^{Arg}$ genes, promoter function 2841
$tRNA^{Glu}$ genes, genomic organization 10623
rRNA 15S genes, AT-clusters 8665
tRNA genes, transcription, control 6737
SUF3 genes, $tRNA^{Gly}_{CCC}$ mutant 8713
SUF5 genes, $[tRNA^{Gly}_{CCC}$ mutant 8712
TIF1/TIF2 genes, sequence 10359
transcription enhancers, polyoma virus 8847
transcription enhancers, polyoma virus 8869
ubiquinol–cytochrome *c* reductase subunit VIII genes, regulatory element 5797
*var*1 genes, expression, h56 mutant 9081
(AGY)$tRNA^{Ser^1}$ genes, structure 3583
***Salmonella typhi*,**
*omp*C genes, nucleotide sequence 7721
***Salmonella typhimurium*,**
HU-1 genes, nucleotide sequence 7196
***Saponaria officinalis*,**
DNA, comparison—RNA polymerase genes 3103
Satellite
DNA, minor, sequence organization/cytological localization, mouse 11645
***Schistosoma mansoni*,**
hypoxanthine–guanine phosphoribosyltransferase, cDNA, analysis, chemotherapy target 7087
***Schizosaccharomyces pombe*,**
chromosomes, field inversion gel electrophoresis 4727
genes, codon usage, within-species diversity 8207
group II intron 1629
snRNA U3, isolation/sequence/structural divergence 10131
vectors, construction 8603
Secretogranin II,
cDNA sequence/primary structure, rat 11811
Sequenase™,
improved method 6238
Sequence,
cDNA, whey acidic protein, rabbit 8180
Serine dehydratase,
genes, nucleotide sequence, rat 10921
Sickle cell anaemia,
γ-globin genes, CCAAT box deletions 10635
Signal recognition particle,
cDNA, expression/RNA 7SL binding 9431
Simian rotavirus SA11,
genes, segment 11, sequence 6244
SnRNA U5,
genes, *Arabidopsis thaliana*, structure/expression 10425
***Solanum tuberosum*,**
endochitinase, mRNA, primary structure 5210
***Sorghum bicolor*,**
$tRNA^{Gly}$ genes, nucleotide sequence 3588
Soybean,
Cab genes, isolation/characterization/relatedness 10477
N23 genes, promoter, analysis 39
nodulin 26, homology—bovine lens fibre membrane proteins 9347
nodulin 26, cDNA, homology—rat MIP26 9348
rRNA 16S/$tRNA^{val}$ genes, nucleotide sequence, chloroplast 1200
snRNA U1 genes, nucleotide sequence 4176
*rps*19 genes, nucleotide sequence, chloroplast 1199
α-spectrin,
genes, RFLPs, erythrocyte 10950

Spermatozoa,
DNA, isolation, mammals 1208
Sphingomyelinase,
genes, *Bacillus cereus*, nucleotide sequence 10370
Spinach,
RNA polymerase, chloroplast, recognition—prokaryote transcription terminators 8411
*rpl*2/*rpl*19/*rpl*23 genes, expression, chloroplasts 2461
***Spinacia oleracea*,**
nuclease SP, characterization 6935
phosphoribulokinase, cDNA, nucleotide sequence 7192
***Sporolactobacillus inulinus*,**
rRNA 5S, nucleotide sequence 10938
***Sporolactobacillus laevus*,**
rRNA 5S, nucleotide sequence 10938
***Sporosarcina ureae*,**
rRNA 5S, nucleotide sequence 10358
Spumaviruses,
DNA replication, gapped linear duplex intermediate, human/simian 9557
***Staphylococcus aureus*,**
plasmids pC223/pUB112, replication—*Bacillus subtilis*, control 2045
plasmids, pS194, nucleotide sequence 2179
Steroid response elements,
mouse mammary tumour virus, characterization 5263
***Streptococcus group A*,**
M protein genes, leader sequences, comparison 4667
***Streptococcus mutans*,**
gtfA genes, nucleotide sequence 10398
***Streptomyces lividans*,**
DNA, electrophoresis, site-specific degradation 4341
rRNA 16S genes, nucleotide sequence 370
***Streptomyces violaceoniger*,**
xylose isomerase genes, nucleotide sequence 9337
Streptomycin,
resistance, *Escherichia coli*, role—rRNA 16S mutation 9631
Streptozotocin,
mnt genes mutations induction, phage P22 9811
Stromelysin,
genes, expression, adenovirus E1A/glucocorticoid hormones effects on 10973
***Strongylocentrotus purpuratus*,**
genome, repeated sequence, identification 1431
Succinyl-CoA synthetase,
genes, *Thermus aquaticus*, α-subunit, nucleotide sequence 9858
***Sulfolobus*,**
transcription, analysis/5′-termini mapping 1
transcription, termination 2445
Superoxide dismutase,
amino acid sequence/cDNA, mouse 2728
SV40,
chromatin, replication, role—topoisomerase type II 10119
DNA replication, $(dG\text{-}dA)_{27}\cdot(dT\text{-}dC)_{27}$ pause site 8077
DNA, bends, bases identification 3931
DNA, enhancer activity, protein kinase inhibitor H-7 effects on, mouse neuroblastoma cells 10171
DNA, interaction—topoisomerase type I, camptothecin effects on 11157
DNA, psoralen mapping 213
DNA, recombination, COS7 cells 941
genes, *in vitro* transcription/regulation, carcinoma stem cells 11417
genes, polyadenylation region, deletions, effects on expression, cell lines 8977
minichromosomes, topology 895
Synthesis,
stereoselective, P-homochiral oligo(thymidine methanephosphonates) 11675

T-cell receptor,
α chain, cDNA, sequence, HPB-ALL cell line 5209
β-chain genes, modification, human 2149
Taq polymerase,
DNA sequencing 10915
inhibitor, genomic DNA, human 10355
Telomere terminal transferase,
Oxytricha nova, activity/DNA replication model 6953
Terminal deoxyribonucleotidyltransferase,
interaction—double stranded DNA 2943
Terminase host factor,
Escherichia coli 2765
Tetracycline resistance,
Ureaplasma urealyticum, genes, nucleotide sequence 1216
Ureaplasma urealyticum, TetM, amino acid sequence/homology 1218
***Tetrahymena*,**
hv1, cDNA, sequence/properties 179
tubulin, mRNA, translation/polysome loading, efficiency 9597
***Tetrahymena thermophila*,**
chromosomes, telomere addition, developmental regulation 5569
cnj B genes, multiple introns/coding region 2189
mtDNA, phylogeny/structure 327
$(A^{\gamma 46})^{\circ}$-thalassaemia,
genes, novel deletion, characterization 6057
α-thalassaemia,
α-globin genes, novel deletion 11223
β-thalassaemia,
genes, novel mutation 4927
***Thermomyces lanuginosus*,**
actin genes, isolation/sequence 2553
***Thermus aquaticus*,**
succinyl-CoA synthetase genes, α-subunit, nucleotide sequence 9858
***Thermus thermophilus*,**
RNA 4.5S genes, nucleotide sequence 9042
rRNA 16S genes, nucleotide sequence 8172

rRNA 23S genes, nucleotide sequence 9043
***Thiobacillus ferrooxidans*,**
rRNA genes, sequence 8179
6-thioguanine,
oligodeoxynucleotides synthesis/association constants/base pair stability 7253
Threonine synthase,
genes, *Brevibacterium lactofermentum*, nucleotide sequence 9859
Thymidine glycol triphosphates,
DNA polymerase substrates 11339
Thymidine kinase,
genes, equine herpesvirus 1, identification/evolutionary significance 11303
genes, herpes virus, 3′ flanking region, nucleotide sequence 774
protein level regulation, cell cycle—mRNA regulation 11625
Thymidine phosphoramidite,
^{13}C labelled, synthesis/incorporation 1529
oligo-α-thymidylate,
CD 5039
Thymine,
trans–*syn* dimer, synthesis 5123
Thyroid hormone,
receptors, cDNA library, mouse skeletal muscle, isolation 6248
Tick-borne encephalitis virus,
protein genes, nucleotide sequence 7750
Tobacco,
genes, tandem fusions, expression 7601
tobacco mosaic virus infection, foreign gene transcripts, pseudovirus particles assembly 3127
Tobacco mosaic virus,
encapsidation initiation site, characterization, rRNA 18S, *Cucurbita pepo* 7303
infection, foreign gene transcripts, pseudovirus particles assembly 3127
RNA, 5′-leader, mutational analysis 883
RNA, 5′-leader, translation stimulation, role—omega sequence 8675
RNA, translation, inhibition—complementary oligodeoxynucleotides 4569
Tobacco ringspot virus,
RNA, satellite, phosphorothioate diester bond, autolytic processing 4009
Tomato golden mosaic virus,
DNA replication/genetic analysis 7043
heterologous RNA, expression 10511
Topoisomerase type I,
interaction—SV40 DNA, camptothecin effects on 11157
recognition sites, HeLa cells 7975
regulation/topology 7071
Topoisomerase type II,
Drosophila, intracellular forms/degradation 10013
role—chromatin replication, SV40 10119
Toxin A,
synthesis, regulation, genes, characterization, *Pseudomonas aeruginosa* 5699
Toxins,
genes, *Bacillus sphaericus*, nucleotide sequence 4168
genes, *Bacillus thuringiensis* subsp. *entomocidus*, nucleotide sequence 6240
Transcription,
inhibition—X-irradiation, eukaryotic cells 5175
regulating proteins, compilation 1879
stimulation—$CaPO_4$–DNA precipitates 1371
Sulfolobus, analysis/5′-termini mapping 1
Transcription factor IIIA,
genes, *Xenopus*, transcription, upstream sequences requirement, oocytes 3801
recognition fragment, structure 3559
RNA 5S binding, restoration—thioredoxin, *Xenopus laevis* 8497
Xenopus laevis, complex—rRNA 5S, model 8633
Xenopus, DNA 5S complex 11267
Transcription factor Sp1,
zinc requirement, HeLa cells 5771
Transcriptional activator,
Klebsiella pneumoniae, function, DNA-recognition helix mutations effects on 4025
Transducin,
α-subunit genes, synthesis/expression, bovine eye 6361
Transferrin,
nucleotide sequence, liver, pig 8720
receptor, genes, promoter, deletional analysis, human 629
Transformation,
Agrobacterium tumefaciens, competent cells, storage 9877
Escherichia coli, electroporation 6127
Transforming growth factor-β1,
cDNA, nucleotide sequence, chickens 8730
Transition protein 1,
cDNA, nucleotide sequence 7723
Transposable elements,
Caenorhabditis/*Drosophila*, sequence identity 5991
Transposase,
bacteriophage μ, autoregulation 11285
insertion sequence IS10, translation start site 4730
Transposon Tn3,
bla genes, promoter, complexation—*Escherichia coli* RNA polymerase 2031
bla promoter, transcription, inhibition, RNA polymerase 5277
Transposons,
Caenorhabditis elegans/*Drosophila melanogaster*, relationship 6234
TU, homology—TU-Alu elements 11385
***Trichinella spiralis*,**
DNA, repetitive element, nucleotide sequence 3114
Triosephosphate isomerase,
genes, *Macaca mulatta*, nucleotide sequence 9055
***Tripneustes gratilla*,**
homeobox genes, HB3/HB4, stage-/tissue-specific expression 11543
***Triticum aestivum*,**
chloroplast, *frx* B genes, nucleotide sequence 348
β-tropomyosin,
mRNA, nucleotide sequence, skeletal muscle isoform, human 3109

Troponin T,
premRNA, alternative splicing, *cis* requirements, heart 8443
***Trypanosoma brucei*,**
5′ exo-ribonuclease/RNA ligase, characterization 9737
RNA polymerase III genes, structure/sequence 8753
mRNA, *trans*-splicing intermediate, detection 7720
snRNA U6, nucleotide sequence/homology 11375
***Trypanosoma cruzi*,**
*hsp*70 genes, isolation/characterization 1393
Tubulin,
mRNA, *Tetrahymena*, translation/polysome loading, efficiency 9597
α-tubulin,
genes, *Leptomonas seymouri*, RNA transcripts characterization 3455
β-tubulin,
cDNA, *Giardia lamblia*, cloning/sequence 2733
Xenopus, synthesis, inhibition—anti-messenger oligodeoxynucleotides 2225
Turnip yellow mosaic virus,
RNA, nucleotide sequence/organization 6157
tRNA-like structure, structure/stability 1931
Tyrosine hydroxylase,
genes, linkage—insulin genes, chromosome II 4437
genes, RFLPs 7760
genes, RFLPs 10948

Ubiquinol–cytochrome c reductase,
subunit VIII, genes, *Saccharomyces cerevisiae*, regulatory element 5797
Ubiquitin,
Glycine max, primary structure 11377
***Ureaplasma urealyticum*,**
*tet*M genes, nucleotide sequence 1216
TetM, amino acid sequence/homology 1218
Urokinase,
plasminogen activator, genes, 5′ flanking region, human 10699
UV-crosslinking,
adenovirus 2 major late promoter, affinity labelling 519

Vaccinia virus,
genome, linked markers, convection—neomycin phosphotransferase II genes 1634
polymerase gene—sequence homology 11759
RNA, poly(A) head, length, cis-acting sequence effects on 3141
Vectors,
Charon BS (+) (-), cDNA libraries construction 8739
Dictyostelium discoideum, extrachromosomal replication 6825
EMBL3 *cos* 6725
EMBL3, extra sequence 1633
EMBL3/EMBL4, novel derivatives 8734
enhancer-constitutive, recombinant antibodies construction 354
Escherichia coli, cloning 8710
expression analysis, *Aspergillus nidulans* 9052
HSV-1, defective, propagation 5690
P-element, *lac*Z transcriptional genes fusions, *Drosophila melanogaster* 4163
pACYC 177, nucleotide sequence 356
pACYC 184, nucleotide sequence 355
pHSREM 7748
pIIGB1/pIIGB2, hygromycin-resistant, construction 11372
pIN-III-*ompA*-Hin1, construction 8726
pJNL-1, construction 769
pJOSP6-self, transcript generation 10940
pNaz, retrovirus 9345
pRT99, construction 8725
pSG5, protein engineering 369
pT7E19(+), transcription initiation site cloning, bacteriophage T7 8738
pUC 7736
pUC19, modification 8182
pUC4K, Tn903 kanamycin resistance determinant, nucleotide sequence correction 358
pYAC-RC 7743
retrovirus, immunoglobulin heavy chain promoter/enhancer, mouse 10939
Schizosaccharomyces pombe, construction 8603
λ ZAP, construction/cDNA library preparation 7583
***Vibrio fischeri*,**
*Lux*A/*Lux*B genes, nucleotide sequence 777
***Vibrio harveyi*,**
*lux*C genes/upstream DNA, nucleotide sequence 1551
***Vibrio ordalii*,**
rRNA 5S, nucleotide sequence 3111
***Vibrio tubiashii*,**
rRNA 5S, nucleotide sequence 3111
***Vicia faba*,**
mtDNA, ribosomal protein S14 genes 6897
Vimentin,
genes, expression 8057
Viroids,
avocado sunblotch, sequence variability 9864
cucumber pale fruit, RNA, sequence variant 8171
grapevine yellow speckle viroid, RNA, characterization 849
hop latent viroid, characterization 4197
hop stunt, Korean strain, RNA, nucleotide sequence 8708
hop stunt, nucleotide sequence, grapevines 2730
nucleotide sequence, *Citrus medica* 347
Viruses,
bluetongue virus, VP7 genes, nucleotide sequence 1620
bovine rotavirus, genomic segment 10, nucleotide sequence 763
brome mosaic virus, RNA3 subgenomic promoter, mutational analysis 981
eukaryotic, DNA/RNA, nucleotide sequence bias 1517
Gottfried porcine rotavirus, VP7 genes, nucleotide sequence 775

hepatitis B, detection—non-isotopic methods comparison, human serum 11834
maize streak virus, genome, infectivity/nucleotide sequence 229
measles virus—Halle strain, nucleoprotein genes, cloning/sequencing 11821
Moloney murine leukaemia virus, reverse transcriptase, ribonuclease H activity, removal 265
mouse mammary tumour virus, promoter, factors binding 609
myeloid cells transfection, DMSO/polybrene use 2352
porcine rotavirus OSU strain, genes, nucleotide sequence 367
RNA/DNA, genetic relationship, polymerase gene, Bluetongue virus/vaccinia virus sequence homology 11759
rotavirus OSU, VP3 genes, pig, nucleotide sequence 11847
white clover mosaic virus, RNA, nucleotide sequence 291
Vitellogenin,
genes, *Xenopus*, promoters, regulation—human oestrogen receptor 8291
Vitellogenin A2,
genes, *Xenopus*, oestrogen responsive element, characterization 647
Vitellogenin II,
genes, estrogen-inducible, footprinting, chicken 9663
***Volvox carteri*,**
histone genes, sequence/organization 4121

WAGR syndrome,
HRAS1 genes, chromosome mediated gene transfer 51
Wheat,
glutenin, low molecular weight, genes, nucleotide sequence/amino acid sequence 11376
tRNA genes, nucleotide sequence, mitochondria 1210

Xanthine-guanosine phosphoribosyl transferase,
assay 7204
***Xenopus*,**
cDNA, C-*raf*, nucleotide sequence 10357
RNA 5S genes, differential expression, oocytes/somatic cells 3391
snRNA U3, nucleotide sequence/secondary structure 2127
transcription factor IIIA genes, transcription, upstream sequences requirement, oocytes 3801
transcription factor IIIA–DNA 5S complex 11267
β-tubulin, synthesis, inhibition—anti-messenger oligodeoxynucleotides 2225
vitellogenin A2 genes, oestrogen responsive element, vitellogenin A2 647
vitellogenin genes, promoters, regulation—human oestrogen receptor 8291
***Xenopus borealis*,**
histone genes, organization/expression 3471
***Xenopus laevis*,**
actin genes, skeletal muscle, expression, embryos/oocytes 3223
Ap_4A binding protein, characterization, oocytes 2913
cDNA, homeobox-containing, expression, early embryogenesis 1453
epidermal keratin genes, cloning/sequence 8728
genes, ribosomes, promoter, nuclear factor 1 binding site 10657
α-globin genes, promoter, erythroid-specific activation 11027
homeobox genes, site-specific inversions 9058
oligonucleotides, site-directed mutagenesis, egg extracts 8525
rRNA 5S, secondary/tertiary structure, oocytes/somatic cells 2295
transcription factor IIIA, RNA 5S binding, restoration—thioredoxin 8497
transcription factor IIIA–rRNA 5S complex, model 8633
***Xenopus tropicalis*,**
α-globin genes, nucleotide sequence, larvae 1625
RNA 5S/rRNA 5S genes, structure 8803
Xylanase,
genes, *Bacillus circulans*, nucleotide sequence 7187
genes, *Cryptococcus albidus*, nucleotide sequence 9874
Xylose isomerase,
genes, *Streptomyces violaceoniger*, nucleotide sequence 9337

pYAC-4 Neo,
yeast chromosome vector, G418 resistance, mammalian cells 11817
Yeast,
extranuclear genes, expression 8097
heat shock gene promoters, sequence 11845
*MAT*a*1* genes, splicing/spliceosome formation 9457
phosphoglycerate kinase genes, promoter, heat shock element 1333
ribosomal proteins genes, transcription, temperature shock effects on 7917
premRNA, actin, splicing, *in vitro*, first exon length 7233
tRNA genes, sigma elements 1499
pYAC-4 Neo—chromosome vector, G418 resistance, mammalian cells 11817

***Zea mays*,**
*Adh*1 genes, Ds1 transposable element, function 3815
chloroplast, tDNA(Ccy)GCA, nucleotide sequence 5696
cytochrome oxidase subunit III genes, nucleotide sequence, mitochondria 9873
integrated plasmid S-1 DNA, sequence, cytoplasmic male sterility 4169
plasmid S2, RNA polymerase, cytoplasmic male sterility 4177

plasmid S2, RNA polymerase 8729
RNA polymerase genes, structure/expression, chloroplast 5741
*rpl*23 genes, sequence, plastids 8183
Zebrafish,
ZF-21 homeobox genes, primary structure/characterization 9097
Zinc,
requirement, transcription factor Sp1, HeLa cells 5771